PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Sept. 12	Allegan, Mich.	Sept. 8
Sept. 13	Prairie du Chien, Wis.	Sept. 1
Sept. 13	South Euclid, O.	Sept. 8
Sept. 13	Dysart, Ia.	Sept. 8
Sept. 14	Central Islip, N. Y. Adv. Sept. 1 and 8.	Sept. 1
Sept. 15	Phila., Pa.	Sept. 8
Sept. 15	Ashland, Ky.	Sept. 1
Sept. 16	Abilene, Tex. Adv. Sept. 1 and 8.	Aug. 25
Oct. 7	Collinsville, Ill. Adv. Sept. 1 and 8.	Sept. 1

SEWERS

Sept. 12	Breckenridge, Minn.	Sept. 8
Sept. 13	Encorse, Mich.	Sept. 8
Sept. 13	Passaic, N. J.	Aug. 25
Sept. 14	Brooklyn, N. Y.	Sept. 8
Sept. 15	Laurel, Del. Adv. Sept. 8.	Sept. 8
Sept. 16	Austin, Minn. Adv. Sept. 1 and 8.	Sept. 1
Sept. 19	Hamilton, Ont.	Sept. 1
Sept. 20	—Garfield, N. J.	Sept. 1
Sept. 20	Kendallville, Ind. Adv. Sept. 1 and 8.	Sept. 8
Oct. 4	Clifton, N. J.	Sept. 8

BRIDGES

Sept. 12	Middlebourne, W. Va.	Aug. 25
Sept. 12	Hummelstown, Pa.	Sept. 1
Sept. 12	Madisonville, Tex. Adv. Sept. 1 and 8.	Sept. 1
Sept. 13	Maryland Adv. Sept. 1 and 8.	Sept. 1
Sept. 14	Danville, Ill.	Sept. 8
Sept. 15	London, Ont.	Aug. 25
Sept. 16	Columbus, O.	Aug. 25
Sept. 16	Detroit, Mich.	Sept. 8
Sept. 19	Bronxville, N. Y. Adv. Sept. 1 and 8.	Sept. 8
Sept. 20	North Carolina	Sept. 8
Sept. 21	Morristown, N. J.	Sept. 8
Sept. 21	Denville, N. J. Adv. Sept. 8.	Sept. 8
Sept. 22	Akron, O.	Sept. 1

EXCAVATION AND DREDGING

Sept. 19	Cape Girardeau, Mo.	Sept. 8
Sept. 19	Trenton, Mo.	Sept. 8
Sept. 20	Waseca, Minn.	Sept. 8
Oct. 4	Trenton, N. J. Adv. Sept. 8	Sept. 8

STREETS AND ROADS

Sept. 12	Carlyle, Ill.	Sept. 8
Sept. 12	Louisiana	Aug. 25
Sept. 12	Royal Oak, Mich.	Sept. 8
Sept. 12	Wash., D. C.	Sept. 1
Sept. 13	Sparta, N. J. Adv. Sept. 1 and 8.	Sept. 1
Sept. 13	Maryland Adv. Sept. 8.	Sept. 8
Sept. 14	Brooklyn, N. Y.	Sept. 8
Sept. 14	St. George, S. I., N. Y.	Sept. 8
Sept. 14	Wisconsin	Sept. 8
Sept. 15	Kalamazoo, Mich. Adv. Sept. 1 and 8.	Sept. 1
Sept. 15	Nelson, Neb.	Sept. 1
Sept. 15	Hastings, Minn.	Sept. 8
Sept. 15	Onawa, Ia.	Sept. 8
Sept. 16	Junction City, Kan.	Aug. 25
Sept. 16	Junction City, Kan.	Sept. 1
Sept. 16	New York, N. Y.	Sept. 8
Sept. 16	Watseka, Ill.	Sept. 8
Sept. 19	Clarksville, Tex.	Aug. 25
Sept. 19	California	Sept. 8
Sept. 20	Alabama	Sept. 8
Sept. 20	Danville, Ky.	Sept. 8
Sept. 20	Lexington, S. C.	Sept. 8
Sept. 20	North Carolina	Sept. 8
Sept. 20	New Orleans, La.	Sept. 1
Sept. 20	St. Louis, Mo. Adv. Sept. 8.	Sept. 8
Sept. 27	New Orleans, La.	Sept. 1
Sept. 27	Amite, La.	Sept. 8
Sept. 28	Maplewood, Mo.	Sept. 8
Sept. 30	Emporia, Kan.	Sept. 8
Sept. 30	Troy, Kan.	Sept. 8
Oct. 3	Klamath Falls, Ore. Adv. Sept. 8.	Sept. 8
Oct. 7	Belleville, Kan.	Sept. 8
Oct. 11	Leavenworth, Kan.	Sept. 8

INDUSTRIAL WORKS

Sept. 15	Phila., Pa.	Sept. 8
Sept. 15	Sedalia, Mo.	Sept. 8
Sept. 26	Madison, Wis.	Sept. 8

BUILDINGS

Sept. 12	Mt. Lebanon, Pa.	Sept. 8
Sept. 12	Shelby, Mich.	Aug. 25
Sept. 12	Stevens Point, Wis.	Sept. 1
Sept. 13	Cedar Rapids, Ia.	Sept. 8
Sept. 13	St. Louis, Mo.	Sept. 8
Sept. 15	Detroit, Mich.	Aug. 25
Sept. 15	Fairfield, Ia.	Sept. 1
Sept. 15	Phila., Pa.	Sept. 8
Sept. 15	Rockford, Ill.	Sept. 1
Sept. 15	Tyler, Tex.	Sept. 1
Sept. 15	Cushing, Okla.	Sept. 8
Sept. 15	Wilmette, Ill.	Sept. 8
Sept. 16	Great Bend, Kan.	Aug. 11
Sept. 16	Kearney (Arlington P. O.) N. J.	Aug. 18
Sept. 17	Oberlin, O.	Sept. 8
Sept. 19	Venice, O.	Sept. 8
Sept. 20	Detroit, Mich.	Aug. 25
Sept. 20	Salisbury, Md.	Sept. 8
Sept. 22	St. Louis, Mo.	Sept. 8
Sept. 22	Warrensville, O.	Sept. 1
Sept. 23	Manhattan, Kan.	Sept. 8
Sept. 23	Rutherford, N. J.	Sept. 8
Sept. 25	Betterton, Md.	Sept. 8
Sept. 26	Cheyenne, Wyo.	Sept. 1
Sept. 27	Ann Arbor, Mich.	Sept. 8
Sept. 27	Des Moines, Ia.	Sept. 8
Sept. 28	Rochester, N. Y.	Sept. 8
Sept. 30	Shelton, Conn.	Sept. 8
Oct. 24	Cleveland, O.	Sept. 8
Feb. 1	Williamsport, Pa.	Sept. 8

FEDERAL GOVERNMENT WORK

Sept. 8	Wicket Irons, etc.—Cincinnati, O. Adv. Sept. 1 and 8.	Sept. 1
Sept. 14	Pumping Units — Denver, Col.	July 28
Sept. 14	Power Plant Equipment — Yorktown, Va.	Sept. 1
Sept. 14	Power House, etc.—Yorktown, Va.	Sept. 8
Sept. 14	Cranes—Yorktown, Va.	Sept. 8
Sept. 14	Heating System — Wash., D. C.	Sept. 8
Sept. 15	Airship Hangar—Belleville, Ill.	Aug. 18
Sept. 17	Riprap—Wash., D. C. Adv. Sept. 8	Sept. 8
Sept. 19	Dredging—Detroit, Mich. Adv. Aug. 25 to Sept. 8.	Aug. 25
Sept. 21	Machine Shop—Pearl Harbor, H. T.	Aug. 18
Sept. 22	Emergency Dams — Seattle Wash.	Aug. 11
Sept. 26	Hydraulic Dredge — Phila., Pa. Adv. Sept. 1 and 8.	Sept. 1
Sept. 27	Addition to Boiler House, etc. —Phila., Pa. Adv. Sept. 8.	Sept. 8

MISCELLANEOUS

Sept. 12	Garbage Disposal—Providence, R. I.	Aug. 11
Sept. 12	Docks—Houston, Tex.	Sept. 1
Sept. 12	Rails, etc.—Lackawanna, N. Y.	Sept. 8
Sept. 12	Cast Iron Pipe—Mendham, N. J. Adv. Sept. 8.	Sept. 8
Sept. 13	Conductor and Guard Rails —Phila., Pa.	Sept. 8
Sept. 15	Jetties — Rehoboth Beach, Del. Adv. Sept. 8.	Sept. 8
Sept. 16	Inorganic Dust—New York, N. Y.	Sept. 8
Sept. 17	Railway Ties — Toronto, Ont.	Aug. 11
Sept. 17	Fire Alarm System—Philipsburg, Pa.	Sept. 8
Sept. 19	Incinerators—Dallas, Tex.	Sept. 8
Sept. 28	Core Stone, etc.—Coney Island (Brooklyn P. O.) N. Y.	Sept. 8
Sept. 28	Crane—New York, N. Y. Adv. Sept. 1 and 8.	Sept. 1
Sept. 30	Breakwater—Coburg, Ont.	Sept. 8
Oct. 4	Cranes, etc.—Stapleton, S. I., N. Y.	Sept. 8

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Fla., Jacksonville—City plans to purchase c.i. pipe for extending waterworks system. About $100,000. J. G. Bailey, supt. waterworks. F. M. Edwards, city engr.

O., Elyria—City soon receives bids improving waterworks system, to include brick buildings, cover to concrete reservoir, installation of machinery, construction of lineal chimney, rein.-con. coal trestle with railroad siding and coal handling equipment. C. W. Tarr, Elyria, engr.

Mich., Iron Mountain—City election Sept. 12, to vote on $200,000 bonds to buy existing waterworks plant and $100,000 bonds to enlarge existing plant after purchase to 2,000,000 gal. capacity. Alvord & Burdick, 8 South Dearborn St., Chicago, Ill., archts.

Ill., Hinsdale—City having plans prepared laying 6-8 in. c.i. water mains. About $27,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., Litchfield—City having plans prepared building concrete dam, filter plant, 2,000,000 gal. capacity, and pumping station. About $175,000. Pearse, Greeley & Hansen, 39 West Adams St., Chicago, engrs.

Wis., Cambria—See "Sewers."

Wis., Spring Green—City, A. Schlosser, clk., having plans prepared extending waterworks system, including 50,000 gal. steel tank and 125 ft. tower. About $30,000. W. G. Kirchoffer, 31 Vroman Blk., Madison, engr.

Minn., Cloquet—City having plans prepared for deep well, electric pumping station and water main. About $25,000. J. Wilson, First Natl. Bank Bldg., Duluth, engr.

Okla., Cordell—City having plans prepared for filtration plant. About $50,000. V. V. Long, & Co., Colcord Bldg., Oklahoma City, engrs.

Col., Stratton—City voted $50,000 bonds to construct complete waterworks system. W. B. Rollins & Co., Ry. Exch. Bldg., Kansas City, Mo., engrs.

Utah, Salem—City plans to sell $21,000 bonds to build small pumping plant and distribution system of galvanized steel pipe. McGonagle & Ulrich, Deseret Bank Bldg., Salt Lake City, engrs.

Ont., Toronto—York Twp. soon receives bids building 6 in. c.i. water mains in Glenvalley Drive, Gilmour, Crescent, Main, and Regent Sts., Graham, Scott and Park Rds., Glenora, Gilbert, Nickel, Kersdale, Ewart, Kane, Aileen, Ralph, Franklin, Greenwood, Guestholme, and LeRoy Aves. About $68,450. F. Barber, 40 Jarvis St., engr.

BIDS DESIRED

Pa., Phila.—Until Sept. 15, by F. H. Caven, dir. Pub. Wks. Dept., improving Lardners Point pumping station, furnishing coal handling equipment, building additions to boiler houses No. 2 and 3, Contr. 513; concrete flumes around sedimentation basins for aerating water, Contr. 514; chlorine apparatus, Contr. 516; furnishing and laying terra cotta electric ducts from Belmont pumps to filters, Contr. 517; permanent installation of pumping units at Belmont station, constructing new foundations and moving pumps and machinery to same, Contr. 519; coal storage and reclaiming apparatus alterations and additions to coal storage and handling system, Contr. 520; furnishing and delivering check valves and gate valves, Contr. 524; air valves for 60 in. steel main, Contr. 525; concrete valves boxes, Contr. 526; laying 20 in. c.i. pipe on Sansom St., Contr. 527; electric transmission cable for Belmont pumping station, about 7,000 ft. Contr. 528; c.i. pipe and specials, 20 and 30 in. pipe; electric crane for Shawmut pumping station. About $400,000. C. E. Davis, ch. Water Bureau, City Hall.

O., South Euclid—Until Sept. 13, by Village, building watermains and stone sidewalks on Plainfield Rd., involving 3,580 ft. 6-8 in. c.i. pipe and 25,000 sq.ft. 2½ in. x 5 ft. stone sidewalk. About $30,725. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Mich., Allegan—Until Sept. 12, by B. M. Berry, city clk., constructing open well and pump house. Well to be 40 ft. deep, 22 ft. in diameter, bottom 21 ft., conorete on steel shoe, upper part to be lined with brick. About $25,000. Hoad & Decker, 303 South State St., Ann Arbor, engr.

Ia., Dysart—Until Sept. 13, by city, building water main extensions, involving 9,934 lin. ft., 4 in. c.i. pipe, 2 850 castings, etc. About $20,000. N. R. Barber, Waterloo, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates contract awarded)

★**O., Garfield Heights** (Cleveland, P. O.)—Village let contract laying water mains to J. B. Lynn, 1852 Rudwick Rd., Cleveland. $43,443.

★**O., South Euclid**—Village let contract laying 4,780 ft. 8 in. c.i. watermains, to Curro Bros., 12206 Mayfield Rd., Cleveland, $22,576. Noted Aug. 11.

Wis., Cedarburg—City received bids building waterworks system and sewers, from G. W. Mulholland, Main St., Rockford, $67,541; M. Dervoz, 226 7th St., Milwaukee, $68,789; Brogan & Schaefer, Green Bay, $68,028. W. G. Kirchoffer, 22 North Carroll St., Madison, engr. Noted Aug. 18.

★**Ia., Pella**—City let contract building water tank, 200,000 gal. capacity, and 110 ft. steel tower, to Pittsburgh-Des Moines Steel Co., 9th and Tuttle Sts., Des Moines. About $25,000. Noted Aug. 11.

★**Mo., Hayti** — City let contracts constructing and furnishing two 100 ft. deep wells, 2 triplex pumps direct connections to 15 hp. oil engines, 3,000 ft. 4-6 in. c.i. pipe, 30,000 gal. capacity steel tank on 100 ft. tower; pipe line work to City Plumbing & Heating Co., Caruthersville; concrete work, to M. F. Baldwin, Hayti; tank and tower, to Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, Ill.; engines, to Fairbanks Morse Co., 1218 Liberty St., Kansas City. Total cost $25,000. Noted Aug. 4.

★**Que., Montreal**—City let contract building 130 x 212 ft. concrete, brick and steel pumping station, concrete flooring, concrete foundation, on Pointe St. Charles Ave., to Atlas Constr. Co., 37 Belmont St., $498,800.

★**Ont., York**—Twp. let contracts building 6 in. water mains in Linsmore Blvd., Dunnegan, Graham and Forest Hill Aves., to J. Ruscica, c/o F. Barber, 40 Jarvis St., Toronto; Hoborne St., Mulberry, Ester, Lumsden and Barber Aves., to P. Mohan, c/o F. Barber, 40 Jarvis St., Toronto; Monarch Park Ave., Main Savoy, St. James and St. Stephens Sts., to A. Gavotti, 527 Euclid Ave., Toronto; Hillary Ave., to G. Thompson, 40 Jarvis St., Toronto. About $30,000.

Sewers

PROPOSED WORK

Me., Biddeford—City plans to build sewerage system. Cost between $30,000 and $35,000. N. E. Fosdick, chn. Engineer not selected.

N. J., Clifton—City having plans prepared building comprehensive sewerage system, covering approximately 75 mi. mains and laterals. G. L. Watson, 16 East 41st St., New York City, consulting engr. M. R. Pugh, city ch. engr.

W. Va., Milton—City election Sept. 27, to vote on $35,000 bonds for sewerage and waterworks improvements. G. Ball, mayor.

Miss., Greenwood—City election Sept. 15, to vote $55,000 bonds to construct storm sewers and purchase pumps. F. T. Walker, city engr.

O., Dayton—City plans to build Vine St. relief sewer 30 in. vitr. and concrete and 48 in. concrete N. C. R. outlet sewer to Miami River. About $74,700 and $11,600 respectively. G. Baker, city engr.

O., Dayton—City having plans prepared for 2 mi. 30-60 in. vitr. and concrete storm sewers in Bway. and Riverdale Systems. About $125,000 and $175,000 respectively. G. Baker, city engr.

Ill., Decatur—City having plans prepared building concrete and broken stone sewage treatment plant. About $500,000. Pearse, Greeley & Hansen, 39 West Adams St., Chicago, engrs.

Ill., East Moline—City having plans prepared laying 10 to 12 in. glazed sewer pipe in 3d St. About $25,000. L. E. Sneary, East Moline, engr.

Wis., Cambria—Village to build new sewerage and waterworks systems. W. G. Girchoffer, Vroman Blk., Madison engr.

Wis., LaCrosse—City having plans prepared building trunk sewers and 8-10 in. vitr. pipe sewers in 16th St. from Mississippi to Green Bay Sts. G. P. Bradish. City Hall, engr.

Wis., Ripon—City plans to rebuild present sewage disposal plant, trickling filter type. About $25,000. F. A. Preston, clk. Engineer not selected.

Utah, Salt Lake City—City having preliminary plans prepared extending present sewerage system in West Side. About $100,000. S. Q. Cannon, city engr.

Ont., Sandwich—Colchester North Twp. plans to build 7 or 8 mi. tile drains. About $50,000. A. C. Atkinson, Gesto, secy.-treas.

BIDS DESIRED

N. Y., Brooklyn—Until Sept. 14, by E. Riegelmann, boro pres., Boro Hall, building sewers in (1) Newport St. from Hopkinson Ave. to Bristol St. and Bristol St. from Newport St. to Hegeman Ave., (2) West 10th St. between Ave. R and Ave. S, (3) Troy Ave. between Ave. M and Flatlands Ave., East 43d St. between Ave. M and Flatlands Ave., Ave. M between East 43d to East 45th Sts., temporary sewer in (4) Ave. L between Coney Island Ave. and East 14th St. and outlet sewer in East 13th St. between Ave. L and Ave. N, sewer basin in (6) Sheridan and Pitkin Aves.

N. J., Clifton—Until Oct. 4, by Passaic Valley Sewerage Comrs., 128 Market St., Newark, constructing Part of Sect. 25, Rutherford Branch Intercepting Sewer, consisting of Yantacaw River-Crossing, here and in Lundhurst Twp., involving earth excav., dredging and refilling, trench and open excavation, for 20 in. and 4 in. c. i. pipe crossing Passaic River; laying 20 in. and 4 in. c. i. pipe line across Passaic River, including furnishing of joint materials, making, testing and tightening of pipe joints, (all c. i. pipes and specials will be furnished by the Commissioners); 5,000 lin. cu.yd. earth filling, etc. J. H. Quigg, clk.

Del., Laurel—Until Sept. 15, by the Mayor constructing combined sewers. F. H. Dryden, Salisbury, Md., engr.; advertised in this issue.

Ind., Kendallville—Until Sept. 20, by Common Council constructing sewer under improvement Resolution 49. C. D. Traxler, Kendallville, engr.; advertised in this issue.

Mich., Encorse—Until Sept. 13, by G. Jerome, engr., 1331 Majestic Bldg., Detroit, constructing 2 ring, brick and vitrified crock sewer with connections and brick manholes, open trench, in Cicotte Ave., from High St. to alley between Beach and 5th St. About $35,000.

Minn., Breckenridge—Until Sept. 12, by city, building trunk line storm sewers in about 15 blocks and lateral storm sewers in about 6 blocks. About $30,000. P. A. Trauax, acting clk.

Ont., Hamilton—Until Sept. 19 by S. H. Kent, city clk., building sewers in Wellington St. from Ferrier St. to Hamilton Harbor, involving 297 ft. 8 ft. 6 in. x 8 ft. 6 in. rectangular concrete twin section in open cut, 1,070 ft. 10 ft. 3 in. x 12 ft. 10 in. horse shoe section, rein.-con., 446 ft. 7 x 8 ft. rectangular rein.-con. twin section, cost, $65,000; in Wellington St. from Ferrier to Barton Sts., 218 ft. 5 ft. 11 in. x 5 ft. 11 in. rein.-con. twin section, 49 lin.ft. 7 x 8 ft. rein.-con. twin section, 1,429 lin.ft. 9 ft. 3 in. x 11 ft. rein.-con. horse shoe section, $70,000. E. R. Gray, city engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Conn., New Haven—City received bids Aug. 26 extending sewers in Chapel, Fountain, South Water and Wight Sts., from Berardino & Manochio, 179 Market St., Hartford, $32,447; Dwyer & Mannix, New Haven, $33,027; United Contg. Co., Meriden, $36,732. Noted June 9.

N. Y., Brooklyn—E. Riegelmann, boro pres., Boro Hall, opened bids Aug. 31, constructing sanitary sewer in (1) West 35th St., (2) West 37th St., (3) 73rd St., (4) 76th St., (5) 61st St., (6) Kemmit Pl., from J. J. Guinan Contg. Co., 2314 Gravesend Ave., (1) 89% of engineer's estimate ($10,000), (2) 99% ($8,000); P. J. Donlon Contg. Co., 823 3rd St., (1) 91.7% (2) 91.7%; A. M. Hazell, Inc., 26 Cortlandt St., New York City, (1) 93% (2) 92½%; J. Jennings, Belle Harbor, L. I., 112% (2) 108% (3) 84% ($8,000) (4) 84.6% ($1,800), (5) 99.99% ($1,500), (6) 99.99% ($6,500); G. L. Schrade, (3) 79.49%; Murphy Bros., 8856 26th Ave., (3) 76% (4) 75%; F. Frey, 818 Ocean Parkway, (3) 72.99%; Tomasetti & Co. Inc., 1133 60th St., (3) 71.71%, (5) 69.69%, (6) 77.78%; Manmill Constr. Co., (6) 79.3% Noted Aug. 25.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, opened bids Sept. 1 constructing sewers and appurtenances in (1) Marion St., (2) 16th Ave., (3) Strong St., (4) Nostrand Pl.; tunnel sewer and

Sewers (Continued)

appurtenances (5) 13th St., from J. F. Clancy, Inc., 460 Lockwood St., Astoria, (1) $930.80, (2) $3,351, (4) $1,761; Peace Bros., Inc., 20 Main St., Flushing, (1) $1,262, (2) $3,551; B. Simpson, Hempstead Turnpike, Hollis, (1) $1,223, (2) $4,303; Seaside Contg. Co., Seaside, (3a) $64,005, (3b) $59,263; Conett Constr. Co., 303 East 21st St., New York City, (3a) $66,288, (3b) $65,677; F. Spinelli, 143 Jefferson St., Brooklyn, (3b) $64,781; J. F. Clancy, Inc., 460 Lockwood St., Astoria, (4) $1,760; J. H. Johnson Co., (4) $2,939; H. J. Mullen Contg. Co., Fulton St., Jamaica, (4) $1,816; P. McGovern, Inc., 50 East 42nd St., New York City, (5a) $1,444,000; Booth & Flinn, Ltd., 17 Battery Pl., New York City (5b) $842,000; Spencer, White & Prentis, Inc., 47 West 42nd St., (5b) $1,040,000; O'Rourke Eng. Constr. Co., Inc., 366-5th Ave., New York City, (5b) $1,124,000. Noted Aug. 25.

★**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro, 68 Hunterspoint Ave., let contract building sewer in Central Ave., to A. Paino, Corona, $139,570; Manor and Metropolitan Aves., etc., to F. Spinelli, 142 Jefferson St., Brooklyn, $3,641 and $21,953, respectively; 4 corners of Boulevard and Bodine St., to Kennedy & Smith, 93 Amity St., Flushing, $1,661. Noted Sept. 1.

★**N. Y., S. I., St. George**—City let contract building sewage treatment plant and relay pumping station, to Disposal Equipment Co., 165 Bway, New York City, $79,835. Noted Aug. 25.

★**O., Cleveland**—City let contract building sewers in Dugway Brook, to N. Carroccio, 14109 Benwood Ave., $17,540; Bway. from Forman Ave. to East 71st St., to W. McDowell & Son Co., 10319 Miles Ave., $7,843. Above work involves 480 ft. 6-ft. concrete pipe and 1,400 ft. 12-in. vitr. pipe.

★**Wis., Two Rivers**—City let contract building 15,713 ft. 6-12 in. sewers and outfall sewers in various streets, to W. O. Bahr, 910 South 12th St., Manitowoc, $30,778. Noted Aug. 25.

★**Ia., St. Ansgar**—City let contract furnishing and laying 26,000 lin ft. 8 in., 3,000 ft. 10 in. and 1,500 ft. 12 in. sewer pipe in various streets, to E. L. Royer, 1155 13th St., Des Moines, $53,699. Noted July 28.

★**Minn., New Prague**—City let contract building sewerage system and sewage disposal plant, involving 32,250 lin.ft. sanitary sewers, treatmen plant and outfall sewer, etc., to W. B. Carter, Sioux City, Ia., $60,095.

★**Mo., St. Louis**—City let contract building sewer in Rock Creek Sewer Dist. 6, to Fruin & Colnon Constr. Co., Merchants Laclede Bldg. About $61,000. Noted Aug. 25.

Cal., Los Angeles—City received bids constructing cement pipe sewers in (1) 52nd St. between 1st and 7th Aves., and other streets in 52nd St. Sewer Dist., (2) 23rd St. between Vinyard Ave. and Virginia Rd., from B. Deragno, 1614 South Hill St., (1) $105,436, (2) $63,208; L. Miletich, 610 West 54th St., (1) $113,000, M. Birkich, Los Angeles, (1) $121,000, (2) $67,400, S. Zarubica, 3006 6th Ave., (2) $61,000.

Bridges

PROPOSED WORK

Mass., Danvers—Town having plans prepared by T. A. Appleton, engr., 237 Essex St., Salem, repairing highway bridge on Liberty St. About $30,000. J. E. Nightingale, clk.

Kan., Wichita—Sedgwick Co. had plans prepared constructing six 50 ft. concrete T girder spans on Sedgwick Bridge, with concrete piers and abutments. About $50,000. M. Roseberry, Wichita, engr.

Que., Montreal—A. E. Doucet, City Hall, soon receives bids building concrete and steel bridge on Sherbrooke St. About $250,000. R. W. Mitchell, Montreal, engr.

BIDS DESIRED

N. Y., Bronxville—Until Sept. 19, by Bronx Parkway Comn., 72 West Pondfield Rd., constructing Bridges 17 and 18, over Bronx River. J. Downer, engr. and secy.; advertised in this issue.

N. J., Denville—Until Sept. 21, by State Highway Dept., Broad St. Bank Bldg., Trenton, constructing Bridge "M," M. P. 2. 7 E, on Route 12, between here and Parsippany. C. A. Mead, 790 Broad St., Newark, bridge engr.; advertised in this issue.

N. J., Morristown—Until Sept. 21, by State Highway Comn., Broad Street Bank Bldg., Trenton, building 27 ft. span I-beam bridge, 30 ft. wide, Morris Co. About $25,000. C. Mead, 790 Broad St., Newark, engr.

North Carolina—Until Sept. 20, by State Highway Dept., at div. office Asheville, building bridges and culverts on State Project 557 ,Madison and Yancey Counties, involving 1,846 cu.yd. Class A concrete, 75 cu.yd. rubble masonry, 190,980 lb. reinforcing steel, etc., about $58,000; on State Project 548, Clay Co., involving 844 cu.yd. Class A concrete and 64,380 lb. reinforcing steel, $25,300. C. M. Upham, Raleigh, state highway engr.

Mich., Detroit—Until Sept. 16, by Dept. Pub. Wks., City Hall, constructing rein.-con. and steel bridge, 18 ft. roadway with 4 ft. sidewalks, on Harbor Ave., over first canal east of Lakewood Blvd. About $25,000. J. Reid, Municipal Courts Bldg., engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Conn., Hamden**—Towns of Hamden and North Haven let contract building 60 ft. rein.-con. bridge, 35 ft. wide, over Mill River on Dixwell Ave., to Standard Constr. Co., 153 Court St., New Haven. About $26,000. Noted July 28.

★**New Jersey**—State Highway Dept., Broad Street Bank Bldg., Trenton, let contracts building bridges and culverts, on Route 12, Sect. 4, between New Village and Pleasant Valley, Franklin, Warren Co., including bridges 7, 6, 5 and 3, also culverts C, D and 4, to Korp & Korp, Belvidere, $29,930. Noted Aug. 18.

★**Pa., Pittsburgh** — City let contracts building 16th St. Bridge over Allegheny River, substructure, concrete core and stone veener to Vang Constr. Co., 21 Third Natl. Bank Bldg., Cumberland, Md., $457,220, steel superstructure to Fort Pitt Bridge Co., House Bldg., $541,822. Bids on concrete roadway and flooring will be taken later.

★**North Carolina**—State Highway Dept., at div. office, Marion, let contract building bridges and culverts on State Project 571, McDowell Co., to Prayton-Howton-Wood Constr. Co., Albany, Ga., $84,210. Noted Sept. 1.

★**Indiana**—State Highway Comn. let contracts to E. C. Wright, Bloomfield, building rein.-con. arch on State Rd. 3-E, Sect. B, structure 32, Federal Aid Project 6, Putnam Co., cost $32,703, deck plate girder, abutment repairs, State Rd. 3-C, Sect. D, structure 4, Federal Aid Project 6, Vigo Co., $5,046, rein.-con. arch on State Rd. 4-L, Sect. I structure A, Federal Aid Project 16, Orange Co., $19,011, rein.-con. arch on State Rd. 12-K, Sect. K, structure 28, Federal Aid Project 12, Morgan Co., $5,410, steel truss on State Rd. 22-E, Sect. E, structure 18, Federal Aid Project 22, Morgan Co., $10,482, steel truss wood block floor and paint steel on State Rd. 30-B, Sect. B, structure 27, Federal Aid Project 30, Greene Co., $9,370; to Oregonia Bridge Co., Lebanon, O., steel truss, wood block flooring, on State Rd. 1-F, Sect. B, structure 9A, Federal Aid Project 12, Jackson Co., $4,881; to Henley Constr. Co., rein.-con. slab on State Rd., 3-O, Sect. C, structure 12, Federal Aid Project 13, $9,431, steel truss on State Rd. 3-P, Sect. C, structure 45, Federal Aid 13, both Henry Co., $12,823; to D. Y. Stout, Crawfordsville, rein.-con. slab on State Rd. 3-I, Sect. B, structure 41, Federal Aid Project 15, Hendricks Co., $1,489; to Vincennes Bridge Co., Vincennes, steel truss on State Rd. 1-O, Sect. B, structure 44, Federal Aid Project 24, Hamilton Co., $7,190; to Dodge & Helby, Greencastle, steel truss on State Rd. 21-H, Sect. H, structure 20, Federal Aid Project 21, Adams Co., $19,314; to C. Kinsey, South Whitley, steel truss on State Rd. 44-I, Sect. I, structure 31, Federal Aid Project 44, Whitley Co., $6,204.

★**Ill., Vandalia**—J. V. Waddell, co. supt. highways, Fayette Co., (Vandalia), and C. E. Chester, co. supt. highways, Shelby Co. (Shelbyville), let contract constructing one 60 ft. steel span, 14 ft. roadway, on existing tubular piers at Mitchell Creek, near Herrick and Cowden, between Fayette and Shelby Counties, to St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo. About $25,000. Noted Aug. 11.

★**Cal., San Diego**—San Diego Co. let contract constructing 7 span rein.-con. girder bridge, 266 ft. long, over Kitchen Creek, State Highway Div. 7, Route 12, Sect. F, to W. M. Ledbetter, 755 Pacific Electric Bldg., Los Angeles, $39,659.

Railways

PROPOSED WORK

New York—City of Rochester plans to build 14 mi. rapid transit and industrial railway, electric, in abandoned bed of Erie Canal; construct 1 mi. street, and 3 stations. Cost to exceed $4,000,000. L. Brown, City Hall, engr.

Utah—Utah Pacific R.R. Co., Provo, plans to build 76.334 mi. railroad, half of which is in mountains, from Juab, to Red Creek coal fields. O. R. Knight, pres. H. S. Kerr, ch. engr.

Excavation and Dredging

PROPOSED WORK

Fla., Moore Haven — Ditches — Moore Haven D. D. Assn., c/o E. Keen, engr., plans to construct 500 mi. 4 x 4 ft. ditches to drain 66,000 acres of land.

BIDS DESIRED

N. J., Trenton—Dredging—Until Oct. 4, by Bd. Commerce and Navigation, State House, dredging section of proposed inland waterway, connecting Barnegat Bay with Manasquan River. V. Gelineau, dir.; advertised in this issue.

Minn., Waseca—Ditch—Until Sept. 20, by Waseco Co. building Co. Ditch 15, Main 2, involving 59,605 lin.ft. 6-40 in. tile, 34 surf water inlets and 1 concrete bulkhead. About $78,127. G. Cox, Waseca, engr.

★**Minn., Windom**—Ditches—Cottonwood Co. let contracts building Co. Ditches 21 and 23 to D. A. Lahart, Windom, at $16,830, and $22,915 respectively; Co. Ditch 29, to Sorenson Drainage Co., Slayton, $18,000. Noted Aug. 18.

Mo., Cape Girardeau — Ditches — Until Sept. 19, by Bd. Supervs. Little River D. D., Cape Girardeau, building 46 mi. ditches 8-36 ft. wide, in Stoddard and Bolinger Counties, involving 690 acres clearing right of way and 1,640,000 yd. floating dredgework. Morgan Eng. Co., Goodwyn Institute, Memphis, Tenn., engrs.

Mo., Trenton — Ditch — J. Stewart, ch. engr., 1317 Tinsman Ave., receiving bids constructing 10 mi. ditch, involving 173,000 cu.yd. excav., for Little Medicine Creek D.D.

Mo., Trenton—Ditch—Until Sept. 19, by R. E. Kavanaugh, secy. Honey Creek D.D., constructing 18½ mi. drainage ditch, involving 422,000 cu.yd. dry earth excav. and 82 acres clearing. M. H. Mooney, Trenton, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Miss., Cleveland—Ditch—Comrs. Bolivar Co., Jones Bayou, D. D., let contract draining Jones Bayou, to Clark-Dennison Co., 610 McCall Bldg., Memphis, Tenn. About $33,000. Noted June 30.

★**Minn., Fairmont**—Ditches—Martin Co., let contracts building Judical Ditch 85, involving 94,690 lin.ft. 6-30 in. tile, 30,630 ft. open ditch, 163,506 cu.yd. excav., etc., open work to O. H. Diencks, Globe Bldg., Minneapolis, $21,092, labor and tile, to A. Sanderson, Blue Earth, $53,384, 7 bridges to Hangsted, Blackmore & Jacobson, Nevada, Ia., $12,500; No. 89, 145,685 ft. 6-28 in. tile, to North Star Tile Co., Mankato, $67,706, labor to Knudsen & Peterson, Blue Earth, $45,464; No. 96, 16,660 ft. 6-24 in. tile to Ceylon Cement Co., Ceylon, $7,407, labor to Wendtland & Bauer, Olivia, $6,097; No. 99, 34,625 ft. 6-30 in. tile, to Ceylon Cement, Ceylon, $32,442; No. 102, 2,375 ft. 6-20 in. tile, to Wendtland & Bauer, Olivia, $9,047.

★**Ont., St. Catharines**—Canal—Dept. Rys. & Canals, Parliament Bldgs., Ottawa, let contract building Sects. 1 and 2, Welland Ship Canal, to J. P. Porter & Co., Pickford and Black's Wharf, Halifax, N. S. About $8,000,000. Noted July 7 under "Welland."

Streets and Roads

PROPOSED WORK

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, rejected bids opened Aug. 24, regulating, grading and paving Rockaway Blvd. from New York Ave. to Nassau Co. line. About $280,000. Noted Sept. 1.

N. J., Jersey City—F. A. Dolan, city clk., plans to pave 20 blocks of Brunswick St. except portion now paved, with asphalt on concrete foundation. About $100,000. C. A. Van Keuren, City Hall, engr.

N. J., Weehawken—Joint Comm. of Weehawken and West Hoboken Twps., rejected bids opened Aug. 24, paving and laying 200 ft. 12 in. sewer pipe in 8 blocks of Paterson Ave. between Hackensack Plank Rd. and Weehawken St. About $100,000. Work will be readvertised. G. E. Bowe, Town Hall, West Hoboken, engr. Noted Sept. 1.

W. Va., Bridgeport—Town voted $37,000 bonds to pave 1½ mi., Philadelphia, Johnson, Virginia and Mechanic Sts., vitr. brick. T. Lang, Clarksburg, engr.

North Carolina—State Highway Dept., Raleigh, plans to clear, grub, drain, grade and topsoil 7.2 mi. State Project 583, Mitchell Co., about $108,000; clear, grub, drain, grade, bridge and topsoil 34.4 mi. State Project 647, Wilkes and Watauga Counties, $150,000; grade, drain and pave with concrete or some asphaltic type, 12.5 mi. State Project 631, Lincoln Co., $387,500; 18 mi. State Project 593, Randolph Co., $540,000. C. M. Upham, state highway engr.

North Carolina—State Highway Dept., Raleigh, plans to clear, grub, grade, drain, bridge and topsoil 7 mi. road from Mine Hole Gap to Henderson Co. line, State Project 639, Buncombe Co., cost $70,000; 8.4 mi. road from Newton to Lincoln Co. line, State Project 629, Catawba Co., $50,000. C. M. Upham, state highway engr.

Ala., Florala—City soon receives bids paving sidewalks, curbing and guttering various streets. About $60,000. J. Boyd, c/o State Highway Dept., Montgomery, engr.

Ala., Wedowee—Randolph Co. plans election to vote on $100,000 bonds to build roads, to be used by State Highway Dept. on trunk roads in county. Total cost $400,000. W. S. Keller, Montgomery, state highway engr.

Kentucky—State Highway Dept., Old Capitol Bldg., Frankfort, soon receives bids grading and draining 12 mi. road from Pikeville, Ky., to Williamson, W. Va., Pike Co., 15 mi. road in Lawrence Co., 10 mi. road from Smithland to Tennessee River, Livingston Co.; surfacing 12 mi. road Union Co.; grade, drain and surface 1½ mi. street, in Stearns, McCreary Co., brick, 2 mi. road in McCracken Co.; surfacing with macadam 3 to 4 mi. road in Bracken Co. J. S. Boggs, state highway engr.

O., Bellaire—City election Nov. 8, to vote on $80,000 bonds to improve Rose Hill Pike, 230th, West Washington and Seneca Sts. H. G. Althar, city engr.

O., Garfield Heights (Cleveland P. O.)—Village plans to grade, drain and pave East 106th St., Homeworth and Summerdale Aves. About $30,000. E. Hecker, Leader News Bldg., Cleveland, engr.

Mich., Detroit—City plans to pave Wabash Ave., Scovel Pl. and Morrell St., also various alleys with one course rein.-con. About $104,895. C. W. Hubbell, city engr.

Mich., Detroit—City plans to grade and pave McDonald Ave. from Radcliff to Warren Aves., cost $30,628, Burnette Ave., from Westfield to Plymouth Aves., $17,290, sheet asphalt on 8 in. concrete base; alley between West Grand Blvd., Trumbull and Lincoln Aves., $1,620, alley between Kerwin, Montclaid, Canfield and Warren Aves., $8,020, alley between Hurlbut, Bewick, Mack and Canfield Aves., $10,620, one course rein.-con. C. W. Hubbell, city engr.

Ill., Centralia—City having plans prepared paving Locust St., vitr. brick on concrete base. About $40,000. L. W. Lemon, city engr.

Ill., Charleston—City having plans prepared paving various streets, brick on concrete base. About $40,000. W. E. Miller, Mattoon, engr.

Ill., Harvey—City plans to pave various streets, asphalt on concrete base. About $25,000. A. W. Hersey, Harvey, engr.

Ill., Johnson City—City plans to pave various streets, vitr. brick on concrete base. About $25,000. P. B. Wilson, Marion engr.

Ill., Kewanee—Bd. Local Impvts. having plans prepared paving Main St., brick or asphalt. About $25,000. J. G. Palmer, Kewanee, engr. Noted Aug. 18.

Ill., Robinson—City having plans prepared paving various streets, brick on concrete base. About $25,000. E. F. Mail, Robinson, engr.

Ill., Urbana—City plans to pave various streets, vitr. brick on concrete base. About $28,000. A. M. Danley, engr.

Wis., Stevens Point—City plans to curb, gutter, lay sidewalks and pave 1 mi. Church and Seth Sts., with 1 course concrete. About $25,000. W. F. Reichardt, Watertown, engr.

Wis., Stevens Point—City rejected bids received Aug. 3, improving Brawley, Wisconsin and Water Sts., concrete. Work will be readvertised. W. F. Reichardt, Watertown, engr. Noted Aug. 11.

Ia., Creston—Union Co. had plans prepared grading and draining 13 mi. county highway. About $31,000. G. A. Perry, Creston, engr.

Ia., Washington—City plans to pave 27 blocks various streets. About $80,000. S. K. Kellogg, clk. Engineer not announced.

Minn., Crookston—City plans to improve 7 blocks of 6th St. from Bway. to University Ave. About $25,000. J. A. McLean, city engr.

Kan., Chapman—City Council receives bids in October improving 3,000 ft. various streets, 45 ft. wide. About $50,000. Ruckel Eng. Co., Hutchinson, engrs.

Kan., Chapman—City having plans prepared paving various streets, brick on concrete base. About $25,000. Ruckel Eng. Co., Hutchinson, engrs.

Kan., Fredonia—Wilson Co. having plans prepared and receives bids about November, draining and gravel surfacing 1½ mi. Capitol Highway through Altoona, 20 ft. wide. About $35,000. C. P. Donald, Fredonia, engr.

Kan., Galena—Comrs. Cherokee Co. (Columbus), having plans prepared and receives bids about October, grading, draining and building bridges on 1.99 mi. Smelter Rd., 18 ft. wide. About $80,000. L. Noftzger, Columbus, engr.

Missouri—State Highway Dept., Jefferson City, plans to build 3.2 mi. state road from Columbia westward, State Aid Project 20.77, Boone Co., involving 30,617 cu.yd. earth and 20 cu.yd. rock excav., 2,709 cu.yd. borrow, 71.9 cu.yd. Class B and 85.4 cu.yd. Class C concrete masonry, $25,000; 5.57 mi. state road from Hartville southwestward, State Aid Project 20.73, Wright Co., 23,000 cu.yd. earth and 2,267 cu.yd. rock excav., 1,059 cu.yd. borrow, 235.8 cu.yd. Class B and 6 cu.yd. Class C concrete, etc., $25,000; 1.53 mi. state road from Paris southward, State Aid Project 20.85, Monroe Co., 9,737 cu.yd. earth excav., 52 cu.yd. Class B and 3.8 cu.yd. Class C concrete masonry, $7,233; 1.82 mi. state road from Paris northwestward, State Aid Project 20.47, Monroe Co., 16,144 cu.yd. earth and 216 cu.yd. rock excav., 130.4 cu.yd. Class B and 1.2 cu.yd. Class C concrete masonry, etc., $14,413; 2.38 mi. state road from Paris westward, State Aid Project 20.86, Monroe Co., 15,260 cu.yd. earth and 10 cu. yd. rock excav., 2,702 cu.yd. borrow, 170.3 cu.yd. Class B and 7.4 cu.yd. Class C concrete masonry, etc., $15,357; 2.47 mi. state road from Luray westward, State Aid Project 20 .0, Clark Co., 27,393 cu.yd. earth and 10 cu.yd. rock excav., 1,550 cu.yd. borrow, 136.2 cu.yd. Class B and 5.6 cu.yd Class C concrete masonry, etc., $19,443; 2.25 mi. state road from Linn Creek northeast and southwest, State Aid Project 20.81 Camden Co., 17,489 cu.yd. earth and 2,458 cu.yd. rock excav., 152 cu.yd. borrow, 130.2 cu.yd. Class B and 1.6 cu.yd Class C concrete masonry, etc., $28,486. A. Graham, state highway engr.

Mo., Clinton—Henry Co. having plans prepared improving 4 mi. Clinton-Deepwater Rd., 2 mi. with concrete and 2 mi. with Joplin chat. About $60,000. T. Parks, Clinton, engr.

Tex., Paris—Lamar Co. had plans prepared constructing 4.5 mi. Highway 5, extension of Federal Aid Project 38, 16 ft. wide. About $164,000. W. M. Fooshee, Paris, con. engr.

Okla., Beggs—City, c/o R. Willett, clk., having plans prepared surfacing various streets, asphalt on concrete base. About $96,000. Hughes Eng. Co., Bank of Commerce Bldg., Tulsa, engrs.

Utah, Salt Lake City—City having plans prepared curbing and guttering North Bench Dist. About $300,000. S. Q. Cannon, city engr.

Ont., Hamilton—City having plans prepared paving York St. from Queen to James Sts., involving 25,000 sq.yd. asphalt on concrete base. About $110,000. E. R. Gray, city engr.

Ont., Toronto—York Twp. soon receives bids building 275,000 to 300,000 sq.yd. concrete sidewalks on Durie and Jane Sts., Dynevor, Wolverleigh, Mossom, and Rushton Rds., Milverton, Glebeholme and Strathmore Blvds., Amherst, Arnold, Branstone, Chryessa, Connor, Franklin, Frater, Glenholme, Guestholme, Harvie, Holborne Mildred, McMichael, Nairn, Robina, Rutherford and Sannmon Aves. About $92,945. F. Barber, 40 Jarvis St., engr.

BIDS DESIRED

N. Y., Brooklyn—Until Sept. 14, by E. Riegelmann, boro pres., Boro Hall, regulating, curbing and laying sidewalks on Malta St., etc.; fencing lots on north side of McDonough St., etc.; regulating and paving Moultrie St. and Ave. Y, granite; regulating and curbing, etc., Hooper St., 16th and Metropolitan Aves.; resurfacing Chauncy St., etc., asphalt. About $25,000.

N. Y., New York—Until Sept. 16, by H. Bruckner, pres. Bronx Boro, repaving East Tremont Ave. from Bronx River to Morris Park Ave., redressed granite block on concrete foundation; paving Fox St. from Leggett to Longwood Aves., sheet asphalt on concrete foundation; regulating and grading, etc., Matthews Ave. from Pelham Parkway S. to Lydig Ave.; building sewers in Aqueduct Ave. W. between West 192nd to West 190th Sts.

N. Y., S. I. St. George—Until Sept. 14, by C. D. Van Name, pres. Richmond Boro, Boro Hall, constructing concrete sidewalks on Fairview Ave. from Richmond Turnpike to Potter Ave., Myrtle Ave. from Bway. to Elizabeth St., Elizabeth St. from Delafield to Forest Ave., Oakwood Ave. from Forest Ave. to Revere St., Caroline St. from Gary Ave. to end of street, Simonson Ave. from Richmond Terrace to railroad tracks, Simonson Ave. from Staten Island Rapid Transit R.R. tracks to Washington Ave.

Pa., Harrisonburg—Until Oct. 3, by Police Jury of Catahoula Parish, Courthouse, building 11 mi. Harrisonburg-Jonesville Highway, 16 mi. Harrisonburg-Jena Highway, 13 mi. Harrisonburg-Winnsboro Highway, 18 mi. Harrisonburg-Columbia Highway, 19 mi. Winnsboro-Clayton Highway. J. K. McGee, secy.

Maryland—Until Sept. 13 by State Rds. Comn., 601 Garrett Bldg., Baltimore, paving 1.83 mi. highway from St. Anthony to Motters Sta., Frederick Co., concrete Constr. F40. J. N. Mackall, chn.; advertised in this issue.

North Carolina—Until Sept. 20, by State Highway Dept., at div. office Asheville, clearing, grubbing, grading, draining and surfacing 10.33 mi. State Aid Project 534, Cherokee Co., involving 20 acres clearing and grubbing, 96,000 cu.yd. common and 12,000 cu.yd. rock excav., 3,470 ft. corrugated metal or concrete pipe, 24,215 cu.yd. gravel surface, 1,936 cu.yd. rubble masonry, 341 cu.yd. Class A concrete, 34,775 lb. reinforcing steel, etc., about $85,000; 12.37 mi. State Project 548, Clay Co., involving 11 acres clearing and grubbing, 100,600 cu.yd. common and 18,400 cu.yd. solid rock excav., 4,818 ft. corrugated metal or concrete pipe, 29,020 cu.yd. topsoil, and 457 cu.yd. rubble masonry, $82,000; 13.8 mi. State Project 557, Madison and Yancey Counties, involving 7 acres clearing and grubbing, 156,850 cu.yd. common and 20,140 cu.yd. rock excav., 7,436 ft. 18-30 in. corrugated metal pipe, 1,240 cu.yd. rubble masonry, 128,750 sq.yd. water bound macadam, etc., $245,000; 13 mi. State Project 545, Graham Co., involving 40 acres clearing and grubbing, 66,600 cu.yd. common and 125,000 cu.yd. rock excav., 6,108 ft. corrugated metal pipe, 20,950 cu.yd. topsoil, 1,828 cu.yd. rubble masonry, 290 cu.yd. Class A and 55 cu.yd. Class B concrete, 27,430 lb. reinforcing steel, etc., $200,000. C. M. Upham, Raleigh, state highway engr.

S. C., Lexington—Until Sept. 20, by Lexington Co., grading and surfacing 9.86 mi.

Streets and Roads (Continued)

Charleston-Columbia Highway, involving 64,271 cu.yd. common excav. and 19,347 cu.yd. sand clay surfacing. G. C. Steele, co. supervr.

Alabama—Until Sept. 20, by W. S. Keller, state highway engr., Montgomery, grading, draining and gravel surfacing 17.4 mi. Ashland-Goodwater Rd., between Ashland and Tallapoosa Co. line, involving 24.1 acres clearing and grubbing, 122,567 cu.yd. common and 12,027 cu.yd. solid rock excav., 2,557.5 lin.ft. 18-30 in. pipe, 519 cu.yd. Class B, 1,592 cu.yd. Class A and 7.63 cu.yd. Class C concrete, 187,459 lb. reinforcing steel, etc.; grading, draining and surfacing with 2½ in. bituminous macadam 9.69 mi. Gadsden-Ashville Rd., between Gadsden and Etowah Co. line, involving 96,000 cu.yd. common and 4,000 cu.yd. solid rock excav., 35 acres clearing and grubbing, 20,213 cu. yd. slag base, 91,054 sq.yd. 2½ in. bituminous macadam, 850 cu.yd. Class A, 35 cu. yd. Class C and 30 cu.yd. Class B concrete, 70,000 lb. reinforcing steel, 260 lin.ft. 15-24 in. pipe, etc.

La., Amite—Until Sept. 27, by R. R. Reid, chn. Supervising Bd. Rd. Dist. 5, Tangipahoa Parish, building 3.11 mi. Amite West Rd. J. M. Fourmy, Hammond, parish highway engr.

Ky., Danville—Until Sept. 20, by W. O. McIntyre, mayor, constructing 35,000 sq.yd. sheet asphalt pavement. S. F. Crecelius, civil engr.; advertised in this issue.

Mich., Royal Oak—Until Sept. 12, by P. H Beauvais, city engr., shaping, grading, paving, curbing and guttering East 4th St. and South Washington Ave., concrete. About $35,000.

Ill., Carlyle—Until Sept. 12, by Superintendent of Highways, Clinton Co., paving Carlyle-Keysport Rd., involving 6,984.33 sq. yd. concrete pavement, 72-12 cu.yd. Class A rein.-con. for bridges and culverts. About $50,000. B. Tiffsmeyer, Carlyle, engr.

Ill., Watseka—Until Sept. 16, by Clerk Iroquois Co., constructing 3.59 mi. of 10 ft. concrete road. B. Jordan, 104 North 3rd St., co. supt. highways. Noted June 9.

Wisconsin—Until Sept. 14, by State Highway Dept., Div. Office 9, Teller Bldg., Lancaster, grading and surfacing 8.17 mi. The Lake to River Rd., from Dodgeville easterly on State Trunk Highway 19, Federal Aid Project 34, Iowa Co., involving 9,000 cu.yd. 20 ft. featheredge mine trailings surfacing, 8.18 mi. from end Project 34 easterly to county line, Federal Aid 140, Iowa Co., 11,400 cu.yd. 26 ft. featheredge mine trailings surfacing; 4.26 mi. The Dodgeville-Mineral Point Rd., Federal Aid Project 180 (Sta. 96-326, Lowa Co., 9.1 acres clearing and grubbing, 14,127 cu.yd. earth excav., 2,725 cu.yd. loose rock and 1,800 cu.yd. solid rock excv., 369.21 cu.yd. Class A concrete in culverts, 2.7 mi. Hazel-Green-Dubuque Rd., Federal Aid Project 210, Grant Co., 18,676 cu.yd. earth excav., 1,143 cu.yd. borrow, 750 cu.yd. solid rock, 130 cu.yd. Class A concrete in culverts, 60 ft. pony truss steel span bridge, 37,090 lb. structural steel, 22.5 cu.yd. Class D concrete (floor), 231 cu.yd. Class A concrete, 133 sq.yd. bituminous wearing surface; building Sunfish Bridge on Sandy Hook Rd., Federal Aid Project 209, Grant Co., work involves raising present 60 ft. plate girder span, building new bridge seats on present abutments and lowering present span to rest on new bridge seats.

Ia., Onawa—Until Sept. 15, by Auditor Monona Co., grading 5.1 mi. Turin-Soldier Rd., northwest of Soldier, 5.64 mi. Sioux City-Dennison Cut-off, from Crawford Co. Line, west and north, 26 ft. wide, involving 136,326 cu.yd. earth excav., 1,525 lin. ft. 8 in. tile, 200 ft. 12 in. and 6 tile intakes. Iowa Highway Comn., div. office, Ames, engrs.

Ia., Rock Rapids—Until Sept. 3, by Auditor Lyon Co., grading and draining 16.18 mi. Primary Rd. Project 85, involving 148,733 cu.yd. earth excav., and 82,933 station yds. overhaul. Iowa Highway Comn., div. office, Ames, engrs.

Minnesota—Until Sept. 20, by State Highway Dept., 920 Guardian Life Bldg., St. Paul, improving 6 mi. State Highway 10, 24 ft. wide, Le Sueur Co., involving 125,000 cu.yd. excav., etc. About $30,000. C. M. Babcock, state highway engr.

Minn., Hastings—Until Sept. 15, by R. W. Downs, and Dakota Co., grading and paving about 1.5 mi. Lyndale Ave. Rd., involving 2,640 cu.yd. excav., 1,000 lin.ft. 6 in. drain tile, 10,482 sq.yd. paving, etc. About $40,000. C. L. Methven, Hastings, engr. Noted July 28.

Kan., Emporia—Until Sept. 30, by Bd. Comrs. Lyons Co., grading and draining 10.6 mi. Santa Fe Trail, Sects. A and D, Federal Aid Project 30, 18 ft. wide. About $400,000. W. S. Ruggles, co. engr. Noted Sept. 1.

Kan., Belleville—Until Oct. 7, by Comrs. Republic Co., grading, draining and building bridges on 8.6 mi. Belleville-Rydal-Scandia Rd., 24 ft. wide, Federal Aid Project 92. About $60,000. J. O. Gunnels, Belleville, engr.

Kan., Leavenworth—Until Oct. 11, by Comrs. Leavenworth Co., constructing culverts and concrete slab on 0.493 mi. Fort to Fort Highway, Federal Aid Project 93, about $25,000; grading, draining and building rein.-con. slab on 2.19 mi. Fort to Fort Highway, Federal Aid Project 94 A and B, $125,000. L. C. Clark, Leavenworth, engr.

Kan. Troy—Until Sept. 30, by Comrs. Doniphan Co., grading, draining and building concrete slab on 2.5 mi. Pikes Peak Highway, 18 ft. wide, Federal Aid Project 87. Former bids rejected. J. D. Parker, Troy, engr. Noted Aug. 4.

Mo., Maplewood—Until Sept. 28, by G. D. Komar, city clk., paving Lindover and Typher Places. About $25,000. A. H. Beard, Chemical Bldg., St. Louis, engr. Noted July 7.

Mo., St. Louis—Until Sept. 20, by City, improving Lettings 1237-1238, brick and asphalt on concrete base. About $35,000. E. R. Kinsey, pres. Pub. Wks. Engineer's name withheld.

Ore., Klamath Falls—Until Oct. 3, by city improving various streets, bitulithic, concrete, Willite or asphaltic concrete. D. J. Zumwalt, city engr.; adv. in this issue.

California—Until Sept. 19, by State Highway Comn., 515 Forum Bldg., Sacramento, paving with asphalt concrete 6 mi. highway between southern boundary and Ceres, Stanislaus Co., 4.3 mi. highway between Perry and Morgan Hill, Santa Clara Co., 4.2 mi. highway between Delhi and northern boundary, Merced Co., 5 mi. highway between King City and south side Salisas River, Monterey Co.; paving with asphalt concrete and widening with cement concrete 3.2 mi. highway between Canada de La Posta and Gaviota, Santa Barbara Co.; paving with cement concrete 1.7 mi. highway between Gilroy and Carnadero, Santa Clara Co.; paving 4.8 mi. highway between Fullerton and northern boundary, Orange Co., 2.8 mi. with cement concrete and 2 mi. with asphalt concrete and widened with cement concrete. A. B. Fletcher, state highway engr.

Nova Scotia—Until Sept. 10, by Provincial Highway Bd., Halifax, building 5 mi. water bound gravel macadam highway from Amherst towards Maccan. About $27,500. W. A. Hendry, Halifax, ch. engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Connecticut**—State Highway Dept., 240 Farmington Ave., Hartford, let contract paving 9540 ft. Norwalk-Darien highway in Norwalk, 18 ft. wide, cement concrete, to Nat. Constr. Co., 721 Main St., Hartford. Cost between $75,000 and $80,000.

N. Y., Brooklyn—E. Riegelmann, boro pres. Boro Hall, opened bids Aug. 31, regulating, curbing and paving (1) Bay 22nd St., (2) Chester St., (3) Sheridan Ave.; regulating and paving (4) East 13th St., (5) East New York Ave., (6) Sheridan Ave., (7) 75th St.; regulating and repaving (8) 6th St., all above with permanent asphalt pavement on 6-in. concrete foundation, from Sicilian Asphalt Paving Co., 41 Park Row, New York City, (1) $6,166, (2) $8,689, (3) $12,144, (4) $11,035, (5) $29,772, (6) $4,932, (7) $15,473, (8) $4,120; Borough Asphalt Co., 1301 Metropolitan Ave., (1) $6,356, (2) $8,784, (3) $12,047, (4) $10,713, (5) $38,573, (6) $4,889, (7) $15,721, (8) $4,427; Cranford Co., 52 9th St., (1) $7,105, (2) $9,240, (3) $13,624, (4) $11,521, (5) $38,997, (6) $5,167, (7) $15,898, (8) $4,977; Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., (3) $11,070, (4) $10,317, (8) $4,536; Cleveland Trinidad Paving Co., Flushing, L. I., (5) $36,489. Noted Aug. 25.

★**N. Y., Long Island City**—M. E. Connolly pres. Queens Boro, let contract regulating, grading and paving Rockaway Blvd. from Conduit to New York Ave., 4th Ward, to Kennedy & Smith, 93 Amity St., Flushing, $60,814. Noted Sept. 1.

★**N. Y., New York**—H. Bruckner, pres. Bronx Boro, let contracts regulating, grading and setting curbs, etc., (1) St. Lawrence Ave. from Westchester Ave. to point 25 ft. north of Watson Ave., (2) Fieldstone Rd. from West 261st to 262nd Sts., to Spadaro Contg. Co., 827 East 217th St., (1) $16,558, (2) $2,885; building sewers in West Kingsbridge Rd. between existing sewer west of Webb Ave. and in Webb Ave. beween Kingsbridge Rd., etc., to Norton Eng. & Contg. Co., 510 West 149th St., $41,065. Noted Aug. 25.

★**N. Y., S. I. St. George**—C. D. Van Name, pres. Richmond Boro, Boro Hall, let contract repairing Richmond Rd., etc., granite block, to Lee-Decker & Sax, 114 East 52nd St., New York City, $69,116. Noted Sept. 1.

★**New Jersey**—State Highway Dept., Broad Street Bank Bldg., Trenton, let contracts, paving Route 1, Sect. 9, Milton Ave., Rahway, to Rahway-Linden Boundary Line, Rahway, Union Co., to Utility Constr. Co., 5 Spring St., New Brunswick, 91.5% engineer's estimate ($172,141); Route 1, Sect. 10, from Rahway-Linden Boundary Line to north of Roselle St., Roselle, Union Co., C. H. Winans, 207 Broad St., Elizabeth 90.9% ($176,624); Route 1, Sect. 11, from north of Roselle St., Roselle, to Elizabeth City Line, Union Co., J. S. Geiger Sons, 83 Hartford St., Newark, 89.7% ($187,565); Route 1, Sect. 7, through Hamilton Sq., Mercer Co., D. Klockner, Mercerville Rd., Trenton, 89% ($56,401); Route 9, Sect. 4, through Dunellen, Middlesex Co., Fallon & Kenah, 212 David St., South Amboy, 86% ($113,005). Noted Aug. 18.

★**N. J., Hoboken**—J. Payon, chn. Blvd. Comn., let contract paving 2½ mi. Park Ave., 50 ft. wide, granite block, to E. Flaherty, 76 Montgomery St., Jersey City, at 114.9% of engineer's estimate ($75,000).

★**N. J., Jersey City**—F. Dolan, city clk., let contract paving Halladay St. between Bramhall Ave. and tracks of Central R.R. of New Jersey, sheet asphalt on stone base, to W. T. S. Critchfield, 14th St., Hoboken, 93½ per cent of engineers estimate ($29,615). Noted Sept. 1.

Pa., Phila.—City let contracts to Barber Asphalt Paving Co., Land Title Bldg., for paving with asphalt Pearl St., at $5,682, Upland St., $11,271, Lawrence St. from Olney to Chew Aves., $13,686, Lawrence St. from Ruscomb to Rockland St., $4,873, Limekiln Pike from Haines St. to Andrews Ave., $10,451, Limekiln Pike from Godfrey Ave. to Chelten Ave., $16,697, Duncannon Ave., $12,667, 7th St., $17,583, Wentz St., $6,487, Tilton St., $4,064 Stenton Ave., $14,712, Monastery Ave., $11,478, Lindley Ave., $4,095, A St., $2,145, 5th St., $869, Moyamensing Ave. and Bigler St., $16,054, Prentice St. $8,764, Bancroft, Carlisle, Christian Hicks, Mole, Pierce, Rosewood and Watkins Sts., $30,907, repaving Chester Ave., $107,258; to Union Paving Co., 34th and Spruce Sts., repaving Park Ave., 1st and Greene Sts., $23,036, Birch, Hancock, Rutledge, Stella and 8th Sts., $28,232, Fernon, Greenwich, Mountain, Siegel, Tree, Watkins, Winton and Wolf Sts., $23,778, York Rd., 3rd, 9th, 10th, 13th, 15th and 41st Sts., $60,152, Lombard St., from Delaware Ave. to Broad St., $75,350, Lombard St. from Broad to 27th St., $53,439, Girard Ave., $53,590, improving and grading Roosevelt Blvd., $161,305; to Fish Rutherford, Inc., Real Estate Trust Bldg., repaving 9th St., $19,588, repaving between car tracks Poplar St., Girard, South College and West College Aves., $70,908, repaving with redressed granite block Columbia Ave., $43,114, improving and grading Cobbs Creek Highway and Beaumont Ave., $151,837; to T. L. Flannigan, 1240 East Montgomery Ave., repaving 15th St., $65,303, Frankford Ave., from Kensington to Church Aves., $34,318, Frankford Ave., from Wakeling to Bridge Sts., $33,912, Peire St., $39,325; to United Paving Co., Real Estate Trust Bldg., improving Snyder Ave. with wood block and redressed granite block between car tracks, $14,974, repaving with granite block Wildey St., $8,819; to T. Connor, 3329 North 5th St., grading 10th St., Lawnton and 65th Aves., $13,057; to Ryan Constr. Co., Real Estate Trust Bldg., repaving 65th St., $80,708; to R. F. Reilly, 50th and City Aves., grading Columbia and Montgomery Aves., $5,532; to R. B. Wenner, 3649 Filbert St., grading Columbia Ave., Dunlap, Nassau, Oxford and 57th Sts., $169,005; to Certronni & Mezzola, Lincoln Bldg., repaving 2nd St., $46,399; to Cunningham & Murray, 1345 Arch St., repaving Sansom St., $16,741; to J. Devlin,

Streets and Roads (Continued)

Jr., Lincoln Bldg., repaving between railway tracks Spruce St., $19,519. Noted Aug. 25.

★**Pa., Pittsburgh**—City let contracts to Booth & Flinn, Ltd., 1942 Forbes St., grading, curbing and paving Saranac Ave., cost $45,119, Shiras Ave., $27,191, Mackinaw Ave., $22,689; J. H. McQuade Sons Co., Bakewell Bldg., Carson St., $38,960. Noted Sept. 1.

★**D. C., Wash.**—Dist. Comrs., 509 Dist. Bldg., let following contracts grading, Connecticut Ave., to G. Hyman, 1116 Morse St., N. E.; 17th and Monroe Sts., E. G. Gummel, 300 Rhode Island Ave., N. W.; 17th St., S. E., Kalsman St., Vista, Dorsett and Carolina Places, W. F. Brenizer Co., 101 New York Ave., N. E.; Ohio Ave., G. B. Mullin, 1296 Upshur St. Noted Aug. 25.

★**W. Va., Huntington**—City let contract paving 4th Ave. from 24th to 28th Sts., to A. Trainer, 2025-4th Ave., $66,146.

North Carolina—State Highway Dept., at div. office Elkin, rejected bids opened Aug. 22, clearing, grubbing, grading, draining, and surfacing 7.16 mi. State Project 543, Stokes Co. About $35,000. Work will be readvertised. C. M. Upham, Raleigh, state highway engr. Noted Aug. 11.

★**N. C., Charlotte**—Meckenburg Co. let contract surfacing 4 mi. Lawyers Rd., asphalt on concrete base, to Blythe & Blythe, Charlotte. About $105,000.

★**Alabama**—State Highway Comn., Montgomery, let contract draining and surfacing with water bound macadam 6 mi. Scottsboro-Huntsville Rd., between Woodville and Limrock, to Scottsboro Constr. Co., Scottsboro, $42,537. Noted July 21.

★**Louisiana**—State Highway Dept., New Orleans, let contracts grading and draining 25.42 mi. Houma-Morgan Highway, Terrebonne Parish, to A. D. Lambert Constr. Co., Rapids Hotel, Alexandria, $34,189; graveling 22.35 mi. Opelousas-Marksville Highway, St. Landry Parish, to J. C. Wimberly, New Iberia, $95,984. Noted Aug. 25.

★**Louisiana**—State Highway Dept., New Orleans, let contract building 4 mi. Camp Beauregard-Grant Highway, Rapids Parish, to Harvey & Frith, LeCompte. $15,270. Noted Aug. 18.

★**La., Amite**—Police Jury of Tangipahoa Parish let contracts constructing gravel road including bridges in Rd. Dist. 1, Ward 7, 16.2 mi. to Womack, Kent & Blomyer, Inc., Kentwood, $154,512; 15.8 mi. to Peterman & Loustalot, Franklin, $152,434.

★**O., Canton**—Stark Co. let contract paving 4,800 ft. 11th St., S. W., from Camden to Maryland Aves., S. W., 36 ft. wide, with asphalt, to Garaux Bros. Co., Court Ave. and Reynolds Pl., $138,198; 1,500 ft. Correll Ave., N. E., from 2d to 4th Sts., and from 6th to 9th Sts., 30 ft. wide, brick, to Burd Constr. Co., 1043 Spring Ave., $34,433.

★**O., Cleveland**—City let contract paving West 88th St., to Roehl Bros. Paving & Constr. Co., West 25th St. and Clark Ave., $13,546; Arlington Ave., to Burnett & Hathaway Society for Savings Bldg., $15,303. Work involves 44,800 sq.ft. vitr. brick, on 6 in. concrete base and 2,300 cu.yd. earth excav., etc.

O., Cleveland—City opened bids Aug. 24, paving (1) West 15th Pl. from Holmden to Brainard Ave., (2) Amesbury Ave., (3) East 124th St. from Woodland to Buckingham Aves., involving 3,740 sq.ft. vitr. brick, on 6 in. concrete base, and 1,750 cu.yd. earth excav., etc., (4) East 10th St. from Union Ave. to Aetna Rd., (5) East 111th St., from Miles Ave. to Charlotte Rd., 54,900 sq.ft. vitr. brick, on 6 in. concrete base, and 2,790 cu.yd. earth excav., (6) East 133rd St. from Caine to Beachwood Aves., (7) Shale Ave. from Woodhill Ave. to East 110th St., (8) Oakwood Ave. from East 71st to East 72nd St., 67,550 sq.ft. vitr. brick on 6 in. concrete base, 723 sq.ft. asphalt, and 5,350 cu.yd. earth excav.; repaving (9) Superior Ave. from East 55th to East 79th Sts., 19,500 sq.yd. asphalt, etc., from Roehl Bros. Paving & Constr. Co., West 25th St. and Clark Ave., (1) $16,281; J. C. Fisher, 16024 Lorain Rd., (1) $17,112; Gould & Maybach, 823 East 150th St., (2) $4,458; Riley Bros., The Arcade, (2) $5,166, (8) $5,521; A. M. Pejsa, 3031 Derbyshire Rd., (3) $4,241, (4) $28,071, (7) $38,628; Garland Bros., 740 Oakwood Rd., (3) $4,317, (8) $5,694; Baldwin Bros., 4500 Euclid Ave., (4) $28,229, (5) $6,836, (6) $12,887, Enterprise Paving and Constr. Co., 8444 Bway., (5) $6,460, (6) $12,350, Burnett & Hathaway, Society for Savings Bldg., (7) $37,699; Cleveland Trinidad Paving Co., The Arcade, (9) $72,936. Noted Aug. 18.

O., Cleveland—City received bids paving (1) East 73rd St. from Grand to Wagner Aves., (2) Bosworth Rd. and Parkhill Drive from Lorain Ave. to West Blvd., (3) East 135th St. from Kinsman Rd. to Abell Ave., (4) Vineyard Ave. from Warner Rd. to city limits, (5) Hyde Ave. from West 41st Sts., (6) Hyde Ave. from West 38th St. to Fulton Rd., (7) Torwood Ave. from West 43rd to West 44th Sts., from Rieley Bros., The Arcade, (1) $8,575; Garland Bros., 7040 Oakwood Ave., (1) $9,015; Burnett & Hathaway Society for Savings Bldg., (2) brick, $81,414; Cleveland Trinidad Paving Co., The Arcade, (2) asphalt, $71,850, (7) asphalt, $4,452; A. M. Pejsa, 3161 Darbyshire Rd., (3) $37,696; J. C. Fischer, 16024 Lorain Rd., (4) $16,670, (5) $14,275, (6) $10,369; Enterprise Paving & Constr. Co., 8444 Bway., (4) $17,554; Roehl Bros. Paving & Constr. Co., West 25th St. and Clark Ave., (5) $13,726, (6) $9,858; W. E. McHugh, 3855 West 44th St., (7) brick, $3,392. Noted Aug. 18.

O., Cleveland—Comrs. Cuyahoga Co. received bids grading, curbing and paving West Madison Ave., involving 48,000 sq.yd. vitr. brick, 12,610 cu.yd. 6 in. concrete base, 18,000 cu.yd. earth excav. and 65,000 lb. reinforcing steel, etc., from Williams & Little Co., 3365 Euclid Heights Blvd., Cleveland Heights, $274,021; Baldwin Bros., 4500 Euclid Ave., $304,298; W. E. McHugh, West 44th St., $313,406.

★**O., Oakwood** (Dayton P. O.)—Comrs. Montgomery Co. (Dayton) let contract paving Far Hills Ave., concrete, to Williams & Little, c/o Co. Comrs., Court House, Dayton. About $23,000. Noted Aug. 25.

★**Mich., Bessemer**—State Highway Dept. at office Bd. Rd. Comrs. Gogebic Co., let contract grading, draining and surfacing 6.738 mi. State Trunk Line Rd. 12-26, to S. J. Groves & Sons Co., Duluth, Minn., Work involves 29,027 cu.yd. earth excav., $0.60, 121.6 cu.yd. 1:2:4 concrete, $24.62. 7 cu.yd. 1:3:6 concrete, $22.63 250 sq.yd. gravel $0.74. Noted Aug. 18.

★**Mich., Detroit**—City let contracts to R. J. Powelson Co., 6415 Iroquois Ave., paving alleys 1302, cost $3,443, Alley 1303, $3,659, Alley 1304, $1,447, Alley 1305, $1,671, Alley 1306, $2,633, Alley 1307, $2,803, Alley 1309, $1,814, Alley 1312 $4,582, Alley 1313, $2,694 Alley 1315, $2,362, Alley 1321, $1,565.

Reading Corp., 413 West Fort St., Alley 1308, $1,724.

A. F. Lester, 309 Sun Bldg., Alley 1310, $4,982, Alley 1311, $4,236, Alley 1314, $3,652, Alley 1317, $4,584, Alley 1320, $4,146.

F. H. Davis, 1833 Penobscot Bldg., Alley 1316, $1,749, Alley 1318, $3,067.

T. E. Currie, 20 McGraw Bldg., Alley 1287, $5,973.

Otis Cement Constr. Co., 806 Hammond Bldg., Alley 1288, $5,706, Alley 1289, $5,176, Alley 1290, $5,651, Alley 1291, $5,441, Alley 1292, $5,061, Alley 1293, $4,469, Alley 1294, $3,655, Alley 1295, $3,403, Alley 1296, $2,475, Alley 1297, $5,154, Alley 1298, $5,087, Alley 1299, $2,711, Alley 1300, $3,533, Alley 1301, $2,898.

Mich., Detroit—City received bids grading, shaping and paving with sheet asphalt on 8 in. concrete base, (1) Baker St., and following avenues, (2) Albert, (3) Canfield, (4) Centerline, (5) Dwight, (6) Perry, (7) Gibson, (8) Linwood, (9) Marcus, (10) Tyler, (11) Waverly, (12) Dexter, also alleys, (13) 1322, (14) 1323, (15) 1324, (16) 1325, (17) 1326, (18) 1327, (19) 1328, 20) 1329, (21) 1330, (22) 1331, (23) 1332, (24) 1333, (25) 1334, (26) 1335, (27) 1336, (28) 1337, (29) 1338, (30) 1339, from Detroit Asphalt Paving Co., 20 McGraw Bldg., (1) $13,551, (2) $11,955, (3) $28,637, (4) $31,821, (5) $2,332, (6) $7,301, (7) $10,954, (8) $22,494, (9) $17,933, (10) $23,849, (11) $23,480, (12) $90,420.

Cleveland Trinidad Paving Co., 402 Hammond Bldg., (1) $13,796, (2) $12,109, (3) $29,042, (4) $32,588, (5) $2,477, (6) $7,503, (7) $11,422, (8) $22,272, (9) $18,303, (10) $23,746, (11) $23,386, (12) $91,352.

A. F. Lester, 309 Sun Bldg., (13) $4,706, (16) $5,430, (18) $1,860, (19) $4,973, (21) $3,206, (25) $2,218.

F. H. Davis Co., 1838 Penobscot Bldg., (13) $4,790, (17) $4,992, (18) $1,984, (20) $1,862, (21) $3,358, (24) $2,384, (25) $2,279, (27) $2,967, (30) $2,557.

Reading Corp., 413 West Fort St., (13) $4,619, (15) $1,408, (16) $5,421, (18) $2,000, (19) $4,964, (22) $4,206, (25) $2,316, (26) $4,136, (29) $2,977.

Delisle & Cooper, 402 Ford Bldg., (14) $1,625, (17) $4,901, (20) $1,805, (22) $4,270, (23) $3,515, (24) $2,299, (26) $4,147, (27) $2,831, (28) $4,123, (29) $3,029, (30) $2,833.

F. Porath, Jr., 305 Free Press Bldg., (14) $1,618, (15) $1,308, (23) $3,624.

G. Nunn 6409 3d Ave., (14) $1,597, (15) $1,322, (17) $4,799, (20) $1,754, (22) $4,287, (24) $2,297, (26) $4,089, (27) $2,829, (28) $4,235, (29) $3,044, (30) $2,831.

T. C. Currie, 20 McGraw Bldg., (16) $5,402, (19) $4,949, (21) $3,206.

Otis Cement Constr. Co., 806 Hammond Bldg., (28) $4,120.

R. J. Powelson, 6415 Iroquois Ave., (23) $3,694.

★**Mich., Ontonagon**—State Highway Dept. at office Bd. Rd. Comrs. let contract grading, draining and surfacing 4.893 mi. State Trunk Line Rd. 26.6, Sect. A, to C. L. Anderson, Ewen. Work involves 14,865 cu.yd. excav., $0.64, 104.6 cu.yd. 1:2:4 concrete, $32, 67.1 cu.yd. 1:3:6 concrete, $18, 45, 914 sq.yd. stone gravel, $0.812. Noted Aug. 18.

★**Mich., Wyandotte**—City let contract paving and curbing North Line Rd. from Biddle Ave., in Village of Ford, to 10th St., here, involving 13,256 sq.yd. 8 in. rein.-con., to Rice Constr. Co., Wyandotte, $46,981.

★**Ill., Harvey**—Bd. Pub. Wks. let contract paving various alleys, vitr. brick on concrete base, to Penger & Black, Blue Island. About $25,000.

★**Ill., Joliet**—City let contract paving Young Ave. and Clay St., asphalt, with concrete curb and gutters, to J. V. McCarthy, Joliet, $45,342. Noted Sept. 1.

★**Ill., Winnetka**—City let contract paving various streets, vitr. brick on concrete base, to M. Hoffman Constr. Co., Fletcher Savings and Trust Bldg., Indianapolis, Ind. About $30,000.

Wis., Janesville—City received bids Sept. 1, paving Glenn and Hickory Sts., 1 course rein.-con., from J. Cape & Sons, Water St., Racine, $29,518; Clark, Racine, Tremont, Carrington and Blackhawk Sts., from Grand-Graham Co., Freeport, Ill., $45,726.

★**Wis., Shorewood (Milwaukee P. O.)**—Elmwood Co. let contract for 18,000 sq.yd. concrete pavement and 56,000 sq.ft. cement walks in Elmwood subdivision, to Schoonmaker Constr. Co., State St., Wauwatosa. About $38,000.

★**Ia., Clinton**—City let contract paving various streets, involving 17,370 sq.yd. on 5 in. concrete base, to T. Carey & Sons, 308 Weston Bldg., $87,179.

★**Ia., Iowa City**—City let contract paving various streets, brick and bitulithic, to W. Horrabin, 15 East College St., $8,000 for brick paving, $57,000 for bitulithic.

★**Minn., Anoka**—Anoka Co. let contract clearing, grading, etc., State Rd. 3, Job 2002, to T. J. Frederick, 310 Globe Bldg., Minneapolis, $32,668. Noted Aug. 4.

★**Minn., Faribault**—Rice Co. let contract grading, draining and building bridges and culverts on 15 mi. West Cannon City Rd., grading, to Petrie & Merrill, Anoka, $41,690; installing pipe, to Isle Constr. Co., Isle, $2,600; material, to Klauer Mfg. Co., Dubuque, Ia., $3,382; bridges and culverts, to H. R. Perkins Co., Faribault, $4,564.

★**Minn., Mankato**—Blue Earth Co. let contract improving Job 2106 Sect. B, State Highway 1, to J. Brown Constr. Co., Madison Lake, about $19,000 on contract, and balance of work on cost plus basis. Noted July 28.

★**Minn., Rochester**—Olmsted Co. let following contract improving State Aid Job 2103, involving 49,000 cu.yd. earth, 3,900 cu.yd. loose rock and 500 cu.yd. solid rock excav., 40,000 cu.yd. overhaul, 3,000 lin. ft. guard rail, 640 ft. 12-18 in. portable culverts, 5 standard w type culverts and 140 cu.yd. concrete, grading, to White, Brown & Leahy, Great Falls, Mont., $20,467; culvert material, to Botsford Lumber Co., Rochester, $1,052; box culverts, to F. Chase, Simpson, $3,779. Noted July 28.

★**Kan., Wellington**—Sumner Co. let contract for (a) grading, (b) culverts, (c) building bridges on 16.728 mi. Sect. J. K. L. M and R, Federal Aid Project 35, to List & Bagwell Constr. Co., Kansas City, Mo.

Streets and **Roads** (Continued)

(a) $35,306; **Maxwell Constr. Co.**, Columbus, (b) $36,398; Central Constr., Rosedale, (c) $15,359. Noted Aug. 18.

★**Missouri**—State Highway Dept., Bolivar, let contract building 4.94 mi. State Rd. from here eastward and westward, State Aid Project 20.71, Polk Co., to Miller Constr. Co., Springfield, at $24,663. Noted Sept. 1.

S. D., Watertown—City received bids paving about 11 blocks Maple St., N., and 3rd St., N.W., involving 16,000 sq.yd. paving, from C. H. Atkinson Paving Co., Watertown, $2.67 per sq.yd. rein.-con. Type A, $2.62 rein.-con. Type B, vibrolithic $3.15 and $3.30 asphaltic concrete, $4.29 vitr. brick and $5.17 creosoted wood block; Schreiber Eng. & Constr. Co., Watertown, $2.85 rein.con. Type A, $2.88 rein.-con. Type B vithrolithic. W. T. Cochrane, engr. Noted Aug. 11.

★**Mont., Great Falls**—City let contract paving 6 blocks between 6th and 12th Sts., to Two Miracle Co., 437 Ford Bldg., $57,393.

★**Okla., Bustow**—City let contract curbing, guttering and paving various streets, involving 22,000 cu.yd. brick, to Standard Paving Co., Tulsa, $127,875.

★**Colorado**—State Highway Dept., Denver, let contract paving with concrete 4½ mi. Denver-Bloomfield Rd., Federal Aid Project 133, Adams Co., to W. J. Cameron, Chamber Commerce Bldg., Denver, $137,335; 4½ mi. Denver-Broomfield Rd., Federal Aid Project 129, Adams Co., to Peterson, Shirley & Gunther, Woodmen of World Bldg., Omaha, Neb., $142,441. Noted Aug. 18.

★**Arizona**—State Highway Dept., Phoenix, let contract paving 3 mi. Phoenix-Tempe Highway, 2 in. bituminous surface on 4 in. asphaltic concrete base, to White & Miller, 127 North St. Andrews Pl., Los Angeles, Cal., $74,374.

★**Wash., Pe Ell**—City let contract concrete paving Main St., et al. part of Ocean Beach Highway, 18 ft. wide, except 3 blocks in center of town which will be 60 ft. wide, to Albers & Son, Chehalis, $42,451.

★**Wash., Seattle**—King Co. let contract paving 2 mi. Permanent Highway 27, Auburn to Pierce Co. line, to Fiorito Bros., New York Blk. About $62,000. Noted Aug. 18.

★**California**—State Highway Comn., 515 Forum Bldg., Sacramento, let contract paving 9.5 mi. highway between Ignacio and Fairville, Marin and Sonoma Counties, to Grant Smith & Co., Flood Bldg., San Francisco; 2 mi. between San Jose Creek and Stony Creek, Santa Barbara Co., to C. H. Hudson, Marsh Strong Bldg., Los Angeles; 5.7 mi. between Rancho El Encino and Shoup Ave., Los Angeles Co., to J. G. Beckjord, Los Angeles. Noted Aug. 18.

Cal., Los Angeles—City received bids paving and laying curb and sidewalks on Western Ave. between Adams and Santa Barbara Aves., involving 336 lin.ft. cement curbing, 27 sq.ft. concrete gutter, 554 sq.ft. cement sidewalk, 311,877 sq.ft. grading, 311,877 sq.ft. 6 in concrete paving, etc., from G. H. Oswald, 366 East 58th St., $94,089; Wells and Bressler, California Bank Bldg., Santa Ana, $94,462; Tryon and Brain, Tajo Bldg., $102,327.

★**Cal., San Diego**—Common Council let contract paving 2,580 ft. Granada Ave. between Upas St. and University Ave., asphaltic concrete on 4-in. Portland cement concrete base, to Fairchild-Gilmore-Wilton Co., 14th and N Sts., $38,961. Noted Aug. 18.

★**Cal., Santa Barbara**—Santa Barbara Co. let contract paving 23 mi. Highway in Lompoc Rd. Dist., asphalt on concrete base, to Hunter & Richardson, 525 East Haley St., $485,536.

★**Ontario**—Provincial Government, Toronto, let contracts building 4 mi. macadam base, Contr. 446, to A. E. Jupp Constr. Co., 170 Berkeley St., Toronto, $35,000; earthwork, Contr. 145, to A. Cope & Son, 29 Albert St., Hamilton, $15,000; concrete culverts, Contr. 445, to R. J. Gough, c/o G. Hogarth, engr., Parliament Bldg., Toronto, $6,000; concrete culverts, Contr. 444, to G. Chenery, Division St., Oskawa, $6,000.

★**Ontario**—Provincial Government, Parliament Bldgs., Toronto, let contract building 3 mi. concrete pavements in Sandwich and Sandwich South Twps., to Johnson Bros., Ltd., Brantford. About $52,000.

★**Ontario** — Provincial Government, Toronto, let contract building 2½ mi. concrete pavement, Contr. 456, in Chatham Twp., to N. P. Godson, 30 Leopold St., Toronto. About $39,000.

★**Ont., Hamilton**—City will pave Rebecca St. from Hughson to Wellington Sts., involving 10,000 sq.yd. asphalt, 2,400 lin.ft. concrete curb and gutter, cost $42,500; also King St. from James to Bay Sts., involving 9,000 sq.yd. asphalt, $42,000. Work will be done by day labor, under supervision of Wks. Dept. E. R. Gray, city engr.

★**Ont., Tilbury**—Town let contract building concrete pavements on Main St. and Carlyle Ave., to Chick Contg. Co., McDougall St., Windsor. About $40,000.

★**Ont., Toronto**—City let contracts building sidewalks on Coxwell and Glebemount Aves., to Ramsay Contg. Co., 39 Indian Rd.; Cummings St. and Fairford Ave., to D. McKay & Co., 289 Ashdale Ave.; Gerrard St. and part of Danforth Ave., to A. Johnson, 35 Burgess Ave.; Davenport Rd. and part of Danforth Ave., to Grant Contg. Co., 50 Front St. E.; Greenwood Ave. and part of Danforth Ave., to J. Harrop, 1414 Davenport Rd.; part of Danforth Ave. to W. B. Hughes, 53 Victoria Park Ave.; Davenport Rd. and Durie St., to F. Angotti, 819 Clarens Ave.; Donlands Ave. and Ford St. to Britnell Contg. Co., Baxter St.; Fawcett Ave., Glenmount Park and Strathmore Blvd., to A. J. Penberth, 292 Booth Ave; Gilman and Glenlake Aves., to Natl. Contg. Co., 99 Garnock Ave.; Wolverleigh Blvd., to A. E. Jupp Constr. Co., 170 Berkeley St. Total cost $100,000.

★**Ont., Toronto**—York Twp. let contracts building concrete sidewalks in Brook and Windmere Aves., to Natl. Contg. Co., 9 Garnock Ave., $5,000; Mariposa Ave., to J. J. Ramsay 39 Indian Rd., $4,000; Teignmouth Ave., to D. McKay, 289 Ashdale Ave., $5,000; Windmere Ave., to E. Carliss, 18 Hanley St., $3,500; Gibson Ave., to Parkdale Concrete Constr. Co., 245 Garden Ave., $1,200; Gilbert Ave., to Britnell Contg. Co., Baxter St., $3,000; Coleridge and Fulton Aves., to A. Johnson, 35 Burgess Ave., $5,000; Westmount Ave., to F. Angotti, 819 St. Clarens Ave., $5,000; Mulberry Ave., to Grant Contg. Co., 50 Front St. E., $3,000; Woodbine Ave., to H. S. Walton, c/o F. Barber, engr., 40 Jarvis St., $6,000.

Industrial Works

PROPOSED WORK

Me., Gardner—Lockwood, Greene & Co., archts. and engrs., 60 Federal St., Boston, rejected bids building 3 story, brick and steel addition to shoe factory, for R. P. Hazzard Co., 421 Water St. About $60,000. Noted Aug. 4.

Mass., Northampton—F. Girard, King St., plans to build 1 story, 100 x 125 ft. brick, concrete and steel garage and service station on North St. Private plans.

Conn., Hartford—Fuller Brush Co., Inc., 74 Union Pl., plans to build 4 story, concrete, steel and brick factory, on Windsor Ave. About $250,000. Buck & Sheldon, Inc., 60 Prospect St., archts. and engrs.

Conn., Hartford—G. A. Zunner, archt., 182 High St., opens bids about Sept. 15, building 3 story, 95 x 100 ft. brick and steel garage, rein.-con. flooring, on Windsor Ave., for Dragat & Troubman, 340 Windsor Ave. About $100,000.

Pa., Phila.—Brighton Worsted Co., c/o F. Sloan, Tioga and D Sts., having plans prepared for 3 story, 32 x 55 ft. rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, on Tioga and D Sts. About $70,000. Private plans.

La., New Orleans—O. K. Storage & Transfer Co., Lotus Bldg., Memphis, Tenn., plans to build 5 to 7 story warehouse, on St. Charles Ave. and St. Mary Sts. About $100,000. Architect not selected.

La., New Orleans—Washington Ice Co., 611 Louisiana Ave., plans to build brick and steel plant, on Cadiz and Freret Sts. Cost between $125,000 and $150,000. P. J. Wingerten, 611 Louisiana Ave., ch. engr.

Mich., Cadillac—R. J. Teetor, Muskegon, having plans prepared by F. D. Chase, archt., 645 North Michigan Ave., Chicago, for 1 story, brick and steel foundry. About $50,000.

Mich., Detroit—Dept. Motor Transportation, c/o W. Helmboldt, supt., City Hall, plans to build 3 story, 200 x 350 ft. rein.-con., brick and steel garage and office building, rein.-con. flooring, concrete foundation on Russell and Alfred Sts. About $400,000. Architect not selected.

Ill., Centralia—V. E. Joy plans to build 2 story, brick, rein.-con. and steel printing plant. About $60,000. Architect not selected.

Ill., Chicago—Illinois Waterway Comn., c/o W. L. Sackett, supt., 304 South Wabash Ave., having plans prepared for lock and power house, near junction Des Plaines and Kankakee Rivers, Dresden Island. About $2,000,000. M. G. Barnes 304 South Wabash Ave., Chicago, engr.

Ill., East St. Louis—Southern Illinois Milk Producers Assn., Arcade Bldg., having plans prepared by R. G. Kirsch, archt., Magnolia and Thurman Sts., for 1 story, brick and steel factory. About $50,000.

Ill., Mt. Vernon—Faulkner Candy Co., c/o W. H. Faulkner, plans to build 3 story, brick, rein.-con. and steel factory. About $50,000.

Ill., Moline—Moline Daily Dispatch, 1509 3rd Ave. A. plans to build 2 story publishing plant, brick and rein.-con. About $150,000. Architect not selected.

Ill., Rock Island—J. M. Schaab, 1601 4th Ave., plans to build 1 story, 62 x 150 ft., brick and steel garage. About $50,000. Architect not selected.

Ill., Rock Island—J. Ryan Foundry Co., 506 41st St., plans to build 2 story, brick and steel factory. About $50,000. Architect not selected.

Wis., Clinton Junction—Bowman Dairy Co., 140 West Ontario St., having plans prepared by F. B. Gray, archt., 1st Natl. Bank Bldg., St. Louis, Mo., for 1 story, 57 x 200 ft., bottling plant, rein.-con., brick and steel. About $60,000.

Wis., Jefferson—C. A. Baumann having plans prepared building 2 story, 60 x 95 ft., rein.-con. factory, brick foundation. About $40,000. Private plans.

Wis., Milwaukee—School Bd., 10th and Prairie Sts., plans to build heating plants including boiler houses, in following schools, Maryland Ave. school, about $40,000, Walnut St. school, $50,000, Walker St. school, $40,000, 21st St. school, $40,000, Madison St. school, $40,000, and Weil St. school, $18,000. Van Ryn & DeGelleke, 114 Grand Ave., archts. and engrs.

Wis., Milwaukee—R. E. Oberst, archt., 307 Grand Ave., opens bids about Sept. 10, building 2 story, 60 x 127 ft. brick and concrete garage, rein.-con. flooring, plain foundation on Van Buren St., for Van Buren Garage Co., 174 Ogden Ave. About $75,000. Noted Aug. 4.

Wis., Milwaukee—J. Topzant, archt., 307 Grand Ave., opens bids about Sept. 12, building 113 x 130 ft., brick and concrete garage rein.-con. flooring, plain foundation, on North Ave., for Pauly & Marx, 2530 North Ave. About $60,000.

Wis., Portage—Portage Co-operative Canning Co., Michel Bldg., plans to construct cannery, including 3 story, brick and concrete main building, 2 story, brick and concrete power house with brick or concrete stock, 2 story, brick warehouse and 1 story, brick office building. About $275,000. Architect not selected.

Wis., Racine—Harvey Spring & Forge Co. plans to build 3 story, 60 x 120 ft., rein.-con., steel and brick factory, rein.-con. flooring, concrete foundation on Main St., to replace one recently destroyed by fire. About $45,000. Private plans.

Ia., Davenport—Davenport Ice Co., 1st and Myrtle Sts., plans to build 2 story ice plant, brick, concrete and steel. About $75,000. Architect not selected.

Ia., Davenport — Kambach & Ketterman Leather Co. plans to build 2 story, 37 x 80 ft., brick and steel factory. About $50,000. Architect not selected.

Minn., Minneapolis—G. C. Ryan, 523 3d Ave. N., plans to construct 2 story, 85 x 135 ft., garage and sales building, on Lake St. between Stevens and 2nd Aves. About $65,000. Architect not selected.

Kan., McCracken—City plans to build 40 x 45 ft. addition to municipal plant. About $40,000. Ruckel Eng. Co., Hutchinson, engrs.

Kan., Quinter—City plans election to vote $45,000 bonds to build power plant addition. Ruckel Eng. Co., Hutchinson, engrs.

Kan., Wichita — Wichita Visible Pump Co., c/o E. P. Hayes 701 Gilbert St., plans to build 2 story, brick and steel factory, on Gilbert and Santa Fe Sts. About $50,000. Architect not selected.

Industrial Works (Continued)

Mo., Kansas City—Perky Bros. Transfer & Storage Co., 2431 Prospect Ave., plans to build 6 story, rein.-con. and brick warehouse, on Independence St. and Benton Ave. About $175,000.

Mo., St. Louis—Plymouth Garage Co., 5909 Plymouth St., plans to build 1 story, brick and steel garage, on Plymouth and Hamilton Sts. About $50,000. Architect not selected.

Mo., St. Louis—Standard Underground Cable Co., Westinghouse Bldg., Pittsburgh, Pa., having plans prepared by Widmer Eng. Co., archts., Syndicate Trust Bldg., for 2 story, 300 x 525 ft. plant, on Kingshighway and Slevin Ave., here. About $1,000,000. Noted June 9.

Okla., Oklahoma City—Smith Baking Co., 437 West Park St. plans to build 2 story, rein.-con., brick and stone bakery, on 39th St. and Oklahoma Ave. About $150,000. Architect not selected.

Cal., Los Angeles—Western Chemicals Co., 503 Merchants Bank Bldg., having plans prepared for 1 story, 40 x 200 ft., chemical factory, with 40 x 100 ft. wing, steel and iron, on San Pedro Annex. About $150,000. Private plans.

Cal., Pasadena—Pasadena Transfer & Storage Co., 65 South Bway., plans to build 6 story, 66 x 250 ft., Class A rein.-con. garage and warehouse, on South Marengo St. About $150,000. Architect not selected.

Ont., Manitowaning—Hinds Garage plans to rebuild garage and repair shop recently destroyed by fire. About $50,000.

BIDS DESIRED

Pa., Phila.—Until Sept. 15, by L. M. Davis, 1616 Chancellor St., building 2 and 3 story, 60 x 60 ft. concrete, brick and steel addition to garage at 1616-1618 Chancelor St. About $75,000. R. Priest, 1627 Sansom St., engr.

Pa., Phila.—Until Sept. 15, by F. P. Canavan, archt., 7032 Greenway Ave., building 1 story, 40 x 156 ft. brick and timber garage, rock foundation, on 3672 Frankford Ave., for J. F. McCourt, 3672 Frankford Ave. About $50,000.

Ill., Chicago—A. V. Capraro, archt., 105 North Clark St., receiving bids building 2 story, 75 x 120 ft., brick garage, at 1918 South Morgan St., for Spingola & Sons, 750 Taylor St. About $50,000.

Wis., Madison—Until Sept. 26, by University of Wisconsin, building 1 story addition to service building and electric substation. About $55,000. A. Peabody, Capitol, state archt.

Wis., Sheboygan—East Wisconsin Electric Co., c/o H. Ellis, vice- pres., 8th and Pennsylvania Ave., receiving bids building 60 x 210 ft., rein.-con. and steel generating plant, rein.-con. flooring, brick foundation, on Main St. Project will also include transmission line from here to Fond du Lac. About $350,000. Private plans.

Ia., Cedar Rapids—Until Sept. 13, by Harper & McIntyre Co., Ottumwa, building, 2 story, 100 x 140 ft., rein.-con., brick, stone and tile warehouse, on 6th Ave., S., and 4th St. About $165,000. Croft & Boerner, Inc., 1006 Marquette Ave., Minneapolis, Minn., archts. Noted Aug. 4.

Ill., Danville—Until Sept. 14, at office of County Clerk Vermillion Co., building East Georgetown Bridge, rein.-con. arch, four 55 ft. spans, 18 ft. roadway, in McKendree Twp., involving 675.3 cu.yd. Class A and 657.3 cu.yd. Class B concrete, 54,170 lb. reinforcing steel, etc. About $34,000. C. P. McArdle, superintending engr.

Mo., Sedalia—Until Sept. 15, by Swift & Co., building 2 story, 100 x 200 ft. packing plant, rein.-con., brick and steel. About $175,000. G. H. Trader, mgr. Architect's name withheld.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Cambridge**—A. F. Robinson, Commercial Ave., let contract building 1 and 2 story, 95 x 105 ft., brick, steel and concrete addition to boiler plant, on Binney and 2nd Sts. to Joslin & Landry Co., 161 Devon St., Boston. About $70,000.

★**Mass., Somerville**—J. H. Atermian, 275 Beacon St., will build 1 story, 75 x 169 ft., brick and steel garage and service station on Beacon St. Work will be done by day labor. Private plans.

★**N. Y., New York**—R. H. Macy & Co., 34th St. and Broadway, let contract building 8 story, brick, steel and concrete factory, rein.-con. flooring, concrete foundation, on 35th St. and 11th Ave., to Hegeman-Harris Co., 185 Madison Ave. About $300,000. Noted Aug. 18.

★**Pa., Phila.**—S. Alexander, 4210 Otter St., let contract building 2 story, 48 x 132 ft. rein.-con., brick and steel garage, rein.-con. flooring, concrete foundation, on 4th and Seigel Sts., to N. Litman, 1597 North 52nd St. About $55,000.

★**Pa., Phila.**—General Smelting Co., Stock Exch. Bldg., let contract building 1 story, 66 x 100 ft. factory, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Bath and Westmoreland Sts., to H. E. Baton, 1716 Sansom St.

★**Pa., Phila.**—R. E. Foulkrod, 4658 Frankford Ave., let contract building 1 and 2 story, 43 x 129 ft. and 14 x 26 ft. garage on Rising Sun Ave. and St. Vincent St., to W. E. S. Dyer, Land Title Bldg. About $40,000.

Pa., Phila.—S. Ulick, 1904 North 32nd St., will build 4 story, 110 x 120 ft. rein.-con., brick and steel garage, rein.-con. flooring, concrete foundation, on 33rd and Columbia Aves. About $150,000. Work will be done by day labor.

★**Va., Roanoke**—Amer. Viscose Co., c/o C. A. Ernest, Marcus Hook, Pa., will build 330 x 700 ft. silk mill, brick, steel and concrete, rein.-con. flooring, concrete and brick foundation, here. About $1,000,000. Work will be done by day labor.

★**O., Cleveland**—Koller Bros., 724 Prospect Ave., let contract building 1 story, 50 x 101 ft., brick and steel garage, brick foundation, at 663 Huron Rd., to C. N. Griffin, 5511 Euclid Ave. About $50,000.

★**Ill., Chicago**—Woodlawn Battery Co., 1466 East 67th St., let contract building 1 story, 50 x 125 ft., battery service station, mill construction, at 1540-42 East 67th St., to G. A. Gungall, 6407 South Park Ave. About $40,000.

★**Ill., Marshall**—Illinois Waterway Comn., c/o W. L. Sackett, supt., 304 South Wabash Ave., Chicago, let contract building power house and 110 x 600 ft. rein.-con. and steel lock, at Bells Island, near here, to Green & Sons, Streator. About $60,000.

★**Wis., La Crosse**—La Crosse Rubber Mills, Indian Hill, let contract building 3 warehouses, each 1 story, 60 x 200 ft., brick, concrete and steel, rein.-con. flooring, plain foundations, to D. L. Page, Rockford, Ill. About $125,000.

★**Wis., Manitowoc**—Aluminum Good Mfg. Co. let contract building 1 story, 52 x 60 ft. brick and concrete garage, rein.-con. flooring, plain foundation, to H. V. Hertling, Inc., Dempsey Bldg. About $40,000.

★**Wis., Milwaukee**—Peerless Electric Co., 2028 Fond du Lac Ave., let contract building 1 story, 45 x 120 ft., brick and concrete garage, rein.-con. flooring, plain foundation, on 18th and North Aves., to Byrne Bros., 3112 Burleigh St. About $40,000.

★**Wis., Prairie du Sac**—Wisconsin River Power Co. let general contract building 1 story, 60 x 81 ft. power and machine shop, brick, steel and rein.-con., rein.-con. flooring, brick foundation, on Main St., to Dresen Bros. Co., Prairie du Sac. About $50,000.

★**Wis., Sauk City**—Sauk City Canning Co., will construct cannery, including 3 story, 80 x 80 ft. mill construction, main building, 1 story, 32 x 40 ft. brick and concrete boiler house and 2 story, 75 x 120 ft., brick and concrete warehouse. Cost between $75,000 and $80,000. Work will be done by day labor. J. Dresen, Sauk City, archt. Noted Sept. 1.

★**N. D., Dickinson**—State Bd. Administration, Bismarck, let contract building power plant, at Normal School, here, to Harrison & Son, Jamestown. About $40,000. Noted July 28.

★**Mo., Kansas City**—Unico Motor Products Co., c/o W. R. Alexander, 1229 West 59th St., let contract building 1 story, 60 x 224 ft. factory, rein.-con. brick and steel, on Rochester and Park Sts., to F. H. Crites, 2136 Belleview St. About $75,000.

★**Mo., St. Louis**—Klipstein & Rathman, archts., Chemical Bldg., let contract to A. H. Haesler Constr. Co., Wainwright Bldg., constructing 1 story, 107 x 132 ft. enameling plant, brick, and steel, on Bway. and Madison St., for Standard Stamping Co., c/o G. Wiegand, 2000 North Bway. About $50,000. Noted Aug. 11.

Buildings

PROPOSED WORK

Mass., New Bedford—Business—B. Zeitz, 132 Union St., having plans prepared by Leary & Walker, archts., Times Bldg., constructing 3 story, 50 x 120 ft., brick, steel and rein.-con., on Union and 6th Sts.

Mass., Worcester—Theatre—A. Goodside, Fidelity Bldg., Portland, Me., plans to build brick, concrete and steel, here. About $1,000,000. Architect not announced.

R. I., Providence—Gymnasium—City Property Comn. plans to build 2 story, brick and steel, at Providence High School. About $250,000. Architect not selected.

R. I., Providence—High School—Pub. Bldg. Dept. plans to build 3 story, brick, concrete and steel, on Pond St. About $1,250,000.

R. I., Providence—School—Pub. Bldg. Dept. plans to build 3 story, including auditorium. About $500,000. Architect not selected.

Conn., Bridgeport—Parish House—Olivet Congregational Church, 2140 Main St., having plans prepared by J. W. Skinner, archt., 1188 Main St., building 2 story, 45 x 125 ft. brick and steel, on Main St.

Conn., Hartford—Business—Estate of J. J. Goodwin, 36 Pearl St., plans to build 2 story, 110 x 110 ft., brick, steel and concrete, on Haynes St. Architect not announced.

Conn., New Haven—Business—J. Porter, 703 Main St., Hartford, plans to build 3 story, brick, steel and marble, on Chapel and Orange Sts. About $150,000. R. W. Foote, 185 Church St., archt.

N. Y., Brooklyn—Office and Show Rooms—Boyartown Burial Casket Co., 671 8th Ave., New York City, plans to build 6 story, 50 x 55 ft., brick, steel and stone, on Lafayette Ave. and South Felix Pl. About $175,000. Architect not selected.

N. Y., Brooklyn—School—Dept. Educ., 500 Park Ave., New York, having plans prepared by C. B. J. Snyder, archt. and engr., 28th floor, Municipal Bldg., New York, for 5 story, brick, steel and stone addition to P. S. 67, concrete foundation, on North Elliott Pl. About $600,000. Noted May 5.

N. Y., Flushing—School—Bd. Educ., 500 Park Ave., New York City, plans to build P. S. 22, brick, steel and stone, concrete foundation, here. About $470,000. C. B. J. Snyder, Municipal Bldg., New York City, archt. and engr.

N. Y., Hammel (Far Rockaway, P. O.)—School—Bd. Educ., 500 Park Ave., New York City, plans to build brick, steel and stone, concrete foundation here. About $300,000 Private plans.

N. Y., Maspeth (Flushing, P. O.)—School—Bd. Educ., 500 Park Ave., New York City, plans to build P. S. 73, brick, steel and stone, concrete foundation, here. About $300,000. C. B. J. Snyder, Municipal Bldg., New York City, archt. and engr.

N. Y., New York—Offices—New York Life Insurance & Trust Co., 52 Wall St., soon receives bids building 3 story, 40 x 70 ft., brick, steel and stone, concrete foundation, at 706 Madison Ave. About $150,000. F. E. Newman, 126 East 40th St., archt. and engr. Noted June 23.

N. Y., Ozone Park (Jamaica P. O.)—School—Bd. Educ., 500 Park Ave., New York City, plans to build P. S. 62, brick, steel and stone, concrete foundation, here. About $200,000. C. B. J. Snyder, Municipal Bldg., New York City, archt. and engr.

N. Y., Rockaway Park (Far Rockaway, P. O.)—School—Bd. Educ., 500 Park Ave., New York City, plans to build P. S. 40, brick, steel and stone, concrete foundation, here. About $200,000. Private plans.

N. Y., Woodhaven (Jamaica P. O.)—School—Bd. Educ., 500 Park Ave., New York City, plans to build P. S. 63, brick, steel and stone, concrete foundation, here. About $150,000. C. B. J. Snyder, Municipal Bldg., New York City, archt. and engr.

N. J., Englewood—City Hall—City plans to build 2 story, 60 x 125 ft. brick, steel and stone. About $500,000. D. J. McKenna, City Hall, Palisade Ave., chn.

N. J., Jersey City—Apartment—E. Ericksen, 150 Harrison Ave., receives bids in November building 5 story, 90 x 120 ft., brick, on Fairmount Ave. About $200,000. E. M. Patterson, 76 Montgomery St., archt.

N. J., Jersey City—Y. M. C. A., 72 Montgomery St., having sketches made by J. F. Jackson, archt. and engr., Gotham Natl. Bank Bldg., Columbus Circle, New York City, for brick, steel and stone, concrete foundation, on Bergen Ave. About $500,000. Noted Feb. 3.

N. J., New Brunswick—Laboratory—State having plans prepared by A. D. Mills, archt., 142 West State St., Trenton, for laboratory, etc., here. About $200,000.

N. J., Union Hill—Theatre, Office and Store—Capitol Theatre Amusement Co. having plans prepared by P. A. Vivarttas, archt., 110 4th St., for 3 story, 200 x 200

Buildings (Continued)

ft., brick, stone, granite and marble, on Bergenline Ave. About $1,000,000.

Pa., Phila.—Apartment—C. F. Wilmer, 3211 Comly St., having plans prepared by Penwood Co., archts., 131 North 15th St., for 3 story, 53 x 131 x 140 ft., brick and cut stone, on Mascher St. and Rockland Blvd. About $150,000.

Pa., Phila.—Theatre and Store—Hoffman-Henon Co., archts., Finance Bldg., preparing plans for 1 story, 110 x 180 ft. rein.-con. brick and steel, rein.-con. flooring, concrete foundation at 1825-1833 Market St. About $200,000. Owner's name withheld.

Pa., Pittsburgh — Theatre — Roland & Clark, Pittsburgh, having plans prepared by W. A. Snaman, archt., Empire Bldg., for 2 story, 50 x 100 ft. brick, steel and stone, on 5th Ave. About $600,000.

Pa., Wayne—High School—Radnor Twp. School Bd. having preliminary plans prepared by H. C. Richards, archt., 608 Chestnut St., Phila., for 3 story. About $300,000

D. C., Wash.—High School—Dist. Comrs., 509 Dist. Bldg., having plans prepared by A. L. Harris, municipal archt., Dist. Bldg., for New Eastern High School. About $1,500,000.

D. C., Wash.—Science Hall and Office—National Research Council, 1201-16th St. N. W., plans to construct science hall and office building, at 22nd and B Sts., N. W. About $2,000,000. B. Goodhue, 2 West 47th St., New York City, archt. Meyer, Strong & Jones, 101 Park Ave., New York City, engrs.

La., New Orleans—School—School Bd. having plans prepared by E. A. Christy, city archt., for Gayaire School, 14 room, 60 x 120 ft., brick, on block bounded by Painter, Robinson, Art and Claiborne Sts. About $200,000.

Tenn., Nashville—Asylum—City c/o F. Z. Wilson, mayor, plans to build Farreley Orphan Asylum. About $150,000. Architect not selected.

O., Canton—Bank and Office—City Natl. Bank, Market Ave., S., plans to build 3 story, on Market Ave. N. and 2nd St. About $150,000. J. H. Kenny, dir.

O., Canton — Club and Office — Eagles Home Co., Tuscarawas St. and Walnut Ave., N.E., having plans prepared by C. E. Firestone, archt., Renkert Bldg., for 5 story, on Market Ave., S. About $200,000.

O., Canton—Hotel, Theatre and Office—Continental Clay Co., Cleveland Ave., N., having plans prepared by F. Swirsky, archt., Akron, for 10 story, 135 x 200 ft., on 3rd St. and Cleveland Aves., N. W. About $1,500,000. J. A. Calhoun, pres.

O., Cleveland—Commercial and Office—Pythian Building Co., Garfield Bldg., having plans prepared by Allen-Osborn Co., archts., Rose Bldg., for 16 story, brick, steel and concrete, rein.-con. flooring, brick and concrete foundation, on East 9th St. and Superior Ave. About $4,000,000.

O., Cleveland—Commercial and Theatre—E. Kohl, 7507 Linwood Ave., plans to build 2 story, concrete, brick and steel, rein.-con. flooring, brick and concrete foundation, on East 55th St. & Lexington Ave. About $150,000. Architect not selected.

O., Cleveland — Hospital — Amer. Osteopathic Assn., c/o P. Roscoe, 7016 Euclid Ave., plans to build 3 story, brick, steel and concrete foundation. About $200,000. Architect not selected.

O., Dayton—Store and Office—G. W. Schroyer, 2nd and Main Sts., having plans prepared by Schenk & Williams, archts., Mutual Home Bldg., for 4 story, 35 x 140 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on 1st and Main Sts. About $150,000.

O., Dayton—High School—Bd. Educ. having plans prepared by R. Rossell, archt., Dayton, for 1 story, 82 x 100 ft., brick, steel, concrete and stone, with 1 story, 24 x 84 ft. and 2 story, 66 x 66 ft. wings, on Steele St. About $400,000.

O., East Cleveland (Cleveland P. O.)—Commercial and Apartment—East Cleveland Corner Co., c/o L. A. Katz, Republic Bldg., Cleveland, having plans prepared by A. F. Janowitz, archt., Permanent Bldg., Cleveland, for 3 story, 110 x 220 ft., brick, concrete and steel, rein.-con. flooring, concrete and brick foundation, on Euclid and Superior Aves. About $250,000.

O., Middletown—Hotel—F. L. Packard, archt., New Hayden Bldg., Columbus, preparing revised plans for 6 story, 130 x 168 ft., brick, concrete and steel, rein.-con. flooring, brick foundation, here, for Middletown Hotel Co. J. A. Aull, acting chmn. Bd. Dir. Former bids rejected. Noted June 30.

Ind., Elkhart—Bank—Hoggson Bros. Co., archts., 38 South Dearborn St., Chicago, soon receives bids building 2 story, 70 x 105 ft., brick and stone, on Main and Marion Sts., for St. Joseph Valley Bank, 214 South Main St. About $225,000. Noted July 14.

Ind., La Fayette—Dormitory and School—Student Union, 24 Russell St. W., having plans prepared by Pond & Pond, archts., 64 West Van Buren St., Chicago, for 3 story, brick. About $500,000.

Ind., La Fayette—Apartment—Levine Bros., 444 Peterboro St., having plans prepared by J. B. Jogerst, archt., 444 Peterboro St., for 4 story, rein.-con., brick and steel, concrete foundation, on Peterboro St. About $150,000.

Mich., Detroit—Restaurant and Dance Hall—L. Kamper, archt., 752 Book Bldg., preparing plans for 3 story, 120 x 200 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation. About $250,000. Owner's name withheld.

Mich., East Lansing—Club House—Michigan Agricultural Union Bd. had plans prepared by Pond & Pond, archts., 64 West Van Buren St., Chicago, and soon receives bids building 3 story, 145 x 175 ft., rein.-con. and brick. About $500,000.

Mich., Plymouth — Penal Institution — Detroit House of Correction, 1441 Alfred St., Detroit, having tentative plans prepared by A. Kahn, archt., 1000 Marquette Bldg., for rein.-con., brick and steel, rein.-con. flooring, concrete foundation, here. About $3,000,000.

Mich., Port Huron — Theater — Port Huron Theater Co. having plans prepared by G. L. Harvey, archt., Huron Ave., for 2 story, 88 x 150 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Military St. About $175,000.

Ill., Benton—Store and Theatre—Reed & Yamm, Duquoin, having plans prepared by Kinnerly & Stiegmeyer, archts., Title Guarantee Bldg., St. Louis, Mo., constructing 2 story, 90 x 100 ft., rein.-con. and brick, here. About $150,000.

Ill., Bradford—Church—St. John's Catholic Church, c/o A. A. Stapleton, pastor, having plans prepared by A. F. Moratz,

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Buildings (Continued)

archt., Peoples' Bank, Bloomington, for 2 story, rein.-con., brick and stone. About $150,000. Noted Aug. 25.

Ill., Carbondale—Hospital—Holden Hospital Assn. having plans prepared by T. C. Thompson, archt., 1000 South 10th St., building 2 story, brick, rein.-con. or steel. About $150,000.

Ill., Centralia—Apartment—M. J. Hart and B. Gudder plan to build 2 story, brick, rein.-con. and stone. About $150,000. Architect not selected.

Ill., Champaign — Dormitory — Rotary Club, c/o H. K. Millard, having plans prepared by G. Ramey, archt., Roberson Bldg., for 3 story, rein.-con., brick and stone. About $150,000. Noted Aug. 25.

Ill., Chicago—Bank—People's Stock Yards Bank, 1542 West 47th St., having plans prepared by C. Thisslen, archt., 4433 North Pauling St., for 3 story, 50 x 130 ft., brick and concrete addition, at 1542 West 47th St. About $200,000.

Ill., Chicago—Club — Lafayette Council, Knights of Columbus, plans to build 4 story, 144 x 265 ft., brick, concrete and stone, on Fullerton and Fairfield Aves. About $300,000. Architect not selected.

Ill., Chicago—Film Exchange—M. Friedberg, c/o Boston Store, having plans prepared by Holabird & Roche, archts., 104 South Michigan Ave., building 8 story, 50 x 145 ft., brick, rein.-con., and terra cotta, rein.-con. flooring, at 1234-6 South Wabash Ave. About $500,000. Noted Sept. 30.

Ill., Elgin—Temple—Elgin and Monitor Masonic Lodge, c/o E. H. Abbor, Home Bank Bldg., having plans prepared by R. E. Abbell, archt., Spurling Bldg., for 2 story, brick, rein.-con. or steel, fireproof construction. About $150,000. Noted Sept. 1.

Ill., Freeport—Theatre—J. Dittman, 149 Carroll St., plans to build 1 story, 90 x 140 ft., rein.-con., brick and terra cotta. About $150,000. Architect not selected.

Ill., Moline — Apartment — W. Cornwell, c/o Chamber of Commerce, Moline, plans to build 6 story, rein.-con., brick, terra cotta and steel. About $900,000. Architect not selected.

Ill., Moline—Office, etc.—Carlson Bros., 417 15th St., plans to build 3 story office and warehouse, rein.-con. and brick. About $150,000. Architect not selected.

Ill., Peoria — School and Hall — St. Cecelia's Parish having plans prepared by F. J. Klein, archt., 331 Main St., for 2 story, 62 x 140 ft., rein.-con., brick and stone. About $150,000. J. G. Cosgrove, pastor. Noted Sept. 1.

Ill., Rock Island — College—Augustana College, 38th St., plans to build brick, stone, rein.-con. and steel college including seminary building, science hall, boys' and girls' dormitories. About $400,000. G. A. Anderson, pres. Architect not selected.

Ia., Des Moines—Club—Des Moines Women's Club, 15th St. and Woodland Ave., having plans prepared by Vorse, Kreatch & Kreatch, archts., 911 S & L Bldg., for 2 story, 80 x 120 ft., rein.-con., brick and stone, on 15th St. and Woodland Ave. About $150,000.

Ia., Des Moines — School—Methodist Episcopal Congregation, c/o A. E. Griffith, 1341 Jefferson St., rejected bids Aug. 16, building 3 story, 100 x 132 ft., rein.-con., brick, stone and tile, on Pleasant and 10th Sts. Proudfoot, Bird & Rawson, 810 Hubbell Bldg., archts.

Minn., Duluth—Hospital—City plans to build 3 story, 135 x 175 ft., rein.-con. and steel, rein.-con. flooring, concrete foundation, on 14th Ave. W., and 2nd St. About $250,000. E. K. Coe, city engr. Architect not selected.

Minn., Minneapolis — Academy — Holy Angels Academy, 643 North 4th St., having plans prepared by J. H. Wheeler, archt., 508 Exchange Bank Bldg., St. Paul, for 3 story, 60 x 120 ft., rein.-con., brick and tile, at Medicine Lake, near here. About $150,000.

Kan., Eldorado—Church—Baptist Church Congregation having plans prepared by J. H. Felt, archt., Grand Ave. Temple, Kansas City, Mo., for 2 story, 100 x 1,000 ft., brick, stone and steel. About $150,000.

Kan., Independence—Convention Hall—City voted $250,000 bonds to build 2 story convention hall. G. H. Krienhagen, clk. Architect not selected. Noted June 30.

Kan., Topeka—Church—First Methodist Episcopal Church, 6th and Harrison Sts., having plans prepared by T. W. Williamson & Co., archts., 418 Central Natl. Bank Bldg., for 2 story, 100 x 150 ft., rein.-con. and stone. About $150,000. Noted Aug. 25.

Kan., Topeka—Junior High School—Bd. Educ., c/o M. C. Holman, secy., plans to build 2 story, brick, rein.-con. and steel. About $150,000. Architect not selected.

Kan., Winfield—Church—Holy Name Roman Catholic Church, c/o J. J. Brady, chn., plans to build 2 story, brick, stone and steel. About $150,000. Architect not selected.

Tex., Dallas—Convent—Sisters of Mercy, c/o J. Morris, Coal Exch. Bldg., Phila., Pa., having plans prepared by E. F. Durango, archt., 1200 Locust St., Phila., Pa., for 3 story, 50 x 320 ft., stone, brick, steel and concrete addition, rock foundation. About $200,000

Okla., Sulphur—Hospital—State, c/o H. B. Fell, chn., Ardmore, soon receives bids building 1 story, rein.-con., steel and brick, rein.-con. flooring, brick and rock foundation, here. About $150,000. C. P. Nieder, Oklahoma City, archt.

Col., Denver — Hall—Society of Jesuits, West 50th Ave. and Lowell Blvd., receives bids in November building 3 story, 150 x 180 ft., rein.-con. and stone, rein.-con. flooring, concrete foundation, on West 50th Ave. and Lowell Blvd. About $300,000. H. J. Manning, Majestic Bldg., archt. Noted May 12.

Wash., Seattle — Apartment — Seattle Community Apartment Co., c/o W. Bruce, archt., Peoples Bank Bldg., having plans prepared building 8 story, 72 x 100 ft., steel and concrete, also 2 story fireproof garage, on 5th and Kinnear Sts. About $380,000.

Wash., Seattle—Apartment—J. H. Williams, c/o H. H. James, archt., 312 Amer. Bank Bldg., having plans prepared building 10 story, steel and concrete, at 1208 6th Ave. About $200,000.

Cal., Long Beach—Hotel and Bank—W. R. Krafts and associates, 1320 Marquita St. having plans prepared by Wallace, Bush & Skidmore, archts., Los Angeles Railway Bldg., for 6 story, 110 x 150 ft., brick, steel and terra cotta, concrete foundation, on 4th and Elm Sts. About $350,000.

BIDS DESIRED

Conn., Shelton—High School—Until Sept. 30, by F. H. Scranton, chn. City Finance Com., building 2 story, brick and steel, rein.-con. flooring, on Hill St. and Coram Ave. About $150,000. Brown & Van Beren, 185 Church St New Haven archts.

N. Y., Rochester—Church—Until Sept. 28, by Gordon & Kaeber, archts., 125 Sibley Blk., building 2 story, 100 x 100 ft., rein.-con., brick and steel, concrete foundation, on Culver Rd. and Parsell Ave., for Spencer-Ripley Methodist Episcopal Church. About $150,000. Noted April 14.

N. J., Rutherford — High School—Until Sept. 23, by Bd. Educ., building 2 story, brick and stone, brick foundation. About $325,000. Rasmussen & Wayland, 252 West 46th St., New York City, archts. and engrs. Noted June 30.

Pa., Mt. Lebanon—School—Until Sept. 12, by Bd. Educ., building 3 story, concrete, brick and steel, rein.-con. flooring, on Washington Rd. About $225,000. Ingham & Boyd, Vandergrift Bldg., Pittsburgh, archts.

Pa., Phila.—Apartment—Until Sept. 15, by R. Sonefeld, 707 Walnut St., building 4 story, 105 x 250 ft. brick, stone and tile, on 47th and Walnut Sts. About $160,000. F. E. Hahm, 1112 Chestnut St., archt.

Pa., Williamsport—Until Feb. 1, (change of date) by Martin & Kilpatrick, archts., 130 South 15th St., Phila., building, 5 story, 150 x 175 ft. brick and stone, rein.-con. flooring, rock foundation, on Elmira and 4th Sts., for Y. M. C. A., c/o E. H. Davis, Williamsport. About $400,000. Noted Aug. 4.

Md., Betterton — Hotel — Until Sept. 25 by C. E. Dudnick, archt., Drexel Bldg., Phila., Pa., building 3 story, 40 x 80 ft., concrete, brick and steel, concrete foundation, here. About $150,000. Colonial Hotel Co., c/o architect, owner.

Md., Salisbury—Church and Sunday School—Until Sept. 20, by G. E. Savage, archt., Witherspoon Bldg., Phila., Pa., building 1 story, 10 x 125 ft., concrete, brick and steel, rein.-con. flooring, here. About $150,000. Berbeda Methodist Church, c/o R. L. Shipeley, owner. Noted June 30.

O., Cleveland — Apartment — M. Weis, archts., 618 Union Bldg., receiving bids building 4 story, 66 x 108 ft., brick and timber, brick foundation, on Northpark Blvd. and Grandview Ave., for E. A. Markham, 10309 Euclid Ave. About $150,000.

O., Cleveland—Commercial and Apartment—A. D. Hertz, 9905 Pierpont Ave., receiving bids building 3 story, 85 x 126 ft., brick and timber, brick foundation, at 8900 Hough Ave. About $150,000. A. F. Janowitz, Permanent Bldg., archt.

O., Cleveland—Schools—Until Oct. 24 (change of date), by Bd. Educ., East 6th St. and Rockwell Ave., constructing two 2 story, 160 x 300 ft., brick, steel and concrete, rein.-con. flooring, concrete foundations, one on Broadview and Spring Rds., the other on East 140th St. and Darley Ave. About $500,000 each. W. R. McCornack, East 6th St. and Rockwell Ave., archt. Noted Aug. 4.

O., Oberlin—High School—Until Sept. 17, by Bd. Educ., building 2 story, brick, steel and concrete, rein. con. flooring, brick and concrete foundation, on Main St. About $300,000. F. C. Warner, Hippodrome Annex Bldg., Cleveland, archt.

O., Venice—School—Until Sept. 19, by Bd. Educ. building 2 story, brick, steel and concrete, rein.-con. flooring, concrete and brick foundation. About $200,000. F. L. Packard, Hayden Bldg., Columbus, archt.

Mich., Ann Arbor—Schools—Until Sept. 27, by J. Schlee, secy. Bd. Educ., building 14 room school on Miller Ave., 12 room in Ward 6 and 20 room on New Jones site, each 3 story, rein.-con., brick, steel, stone and terra cotta, rein.-con. flooring, concrete foundation. D. Steadman Co., 320 North 5th Ave., and Lumber Exch. Bldg., Chicago, Ill., archts.

Ill., Chicago—Bank and Office—Until Sept. 12, by Graham, Anderson, Probst & White, archts., 80 East Jackson St., building 21 story, 178 x 323 ft., brick, stone, steel and tile, concrete foundation, on Jackson and Clark Sts., for Illinois Merchants Trust Co., 112 West Adams St. About $9,000,000. Noted June 9.

Ill., Chicago—Hotel—W. W. Ahlschlager, archt., 65 East Huron St., receiving bids building 12 story, 65 x 150 ft., rein.-con., brick and terra cotta addition, rein.-con. flooring, on Sheridan Rd. and Wilson Ave., for Sheridan Plaza Hotel Co., Wilson Ave. and Sheridan Rd. About $800,000. Noted July 21.

Ill., Chicago—School—J. C. Christensen, archt., 650 South Clark St., receiving bids building 3 story, 188 x 277 ft., brick and stone, on 99th St. and Ave. H, for Bd. Educ., 650 South Clark St. About $600,000. Noted June 3.

Ill., Peoria — Hotel and Store — J. W. Parker, 519 North Monroe St., having plans prepared by F. J. Klein, archt., 331 Main St., for 6 story, rein.-con. and brick. About $300,000. Noted Sept. 1.

Ill., Wilmette—School—Until Sept. 15, F. B. Bryne, archt., 104 South Michigan Ave., Chicago, building 2 story, 100 x 100 ft., rein. con., brick and stone, fireproof construction, on 9th St. and Linden Ave., for St. Francis Xavier Church, c/o F. C. Kelly, pastor. About $150,000.

Wis., Manitowoc—Office—W. J. Roeuber, archt., Manitowoc, receiving bids building 1 story, 32 x 132 ft., brick, rein.-con. and steel, rein.-con. flooring, brick foundation, on North 8th St., here, for C. Russ Coal Co., South 8th St., Sheboygan. About $150,000.

Ia., Des Moines—High School—Until Sept. 27, by G. L. Garton, secy., Bd. Educ., building Abraham Lincoln School, 2 story, 240 x 360 ft., rein.-con., brick, tile and stone, rein.-con. flooring, concrete foundation, on South West 9th and Loomis Sts. About $700,000. Proudfoot, Bird & Rawson, Hubbell Bldg., archts. Noted Sept. 1.

Kan., Manhattan—Economics and Cafeteria—Until Sept. 23, by R. Gamble, archt., 1415 Fillmore St., Topeka, building 2 story, 82 x 132 ft., rein.-con., brick and stone, here, for State, c/o J. A. Kimball, Topeka. About $150,000. Noted July 28.

Mo., St. Louis—Hospital—Until Sept. 13, by E. A. Hadley, engr., Ry. Exch. Bldg., constructing 7 story, 121 x 182 ft., brick, stone and concrete, on Grand St. and Shaw Ave., for Missouri Pacific R.R., California and Eads Sts. About $500,000. Former bids rejected. C. H. Wray, Rialto Bldg., archt. Noted July 14.

Mo., St. Louis—Hospital—Until Sept. 22, by A. B. Groves, archt., Stock Exch. Bldg., constructing 7 story, 160 x 280 ft., brick and steel, rein.-con. flooring, on Bellview and Clayton Rds., for Sisters of St. Mary, 1536 Papin St. About $1,000,000. Noted July 14.

Mo., St. Louis—School—Until Sept. 13, by Bd. Educ., Bd. Educ Bldg., constructing Woodward School, 2 story, 94 x 257 ft., rein.-con., brick, stone and steel, on Kingshighway and Alabama St. About $385,000. R. M. Milligan, c/o owner, archt.

Okla., Cushing—School—Until Sept. 15 by Bd. Educ. building 2 story, 64 x 186

Buildings (Continued)

ft., rein.-con., brick, stone and steel. About $150,000. J. P. Bradley, Pawhuska, archt

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. J., Jersey City** — Theater—State Theater Corp., Sinisi Bldg., let contract building 3 story, 94 x 165 ft., brick, concrete and marble, on Hudson Blvd., to J. Mitchell, 76 Montgomery St. About $400,000.

★**N. Y., Brooklyn** — Apartment—Choise Apartment Corp., c/o Cohn Bros., archts. and engrs., 361 Stone Ave., will build 4 story, 100 x 110 ft., brick, steel and stone, concrete foundation, on Brooklyn Ave. and Carroll St. About $150,000. Work will be done by day labor.

★**N. Y., Brooklyn** — Apartments — M. Jonas, c/o B. W. Dorfman, archt. and engr., 26 Court St., will build two 4 story, brick, steel and stone, concrete foundations, on Ft. Hamilton Parkway and 58th St. About $175,000 each. Work will be done by day labor.

★**N. Y., Brooklyn**—Exchange—New York Telephone Co., 15 Dey St., New York City, let contract building 2 story, brick, steel and stone, concrete foundation, on Bushwick Ave. and Palmetto St., here, to G. B. Beaumont & Co., 286 5th Ave., New York City. About $300,000.

N. Y., Brooklyn—School—C. R. J. Snyder, supt. School Bldg., Municipal Bldg., New York City, opened bids Sept. 2, building additions to and alterations in P. S. 136, on northerly side of 4th Ave. between 40th and 41st Sts., here from Frymier & Hanna, 25 West 45th St., New York City, $419,300; P. Clery, 115 Marion St., $419,562; P. J. Brennan & Son, 624 Madison Ave., New York City, $426,300. Noted Aug. 25.

N. Y., Coney Island — Bath House—E. Riegelmann, pres. Brooklyn Boro, opened bids Aug. 31, building addition to municipal bath house on Concourse Dr. and 5th St., here, from Turner Constr. Co., 37 Hewes St., Brooklyn, $189,900; Gretch Eng. Corp., 103 Park Ave., New York City, $193,000; Keppler Constr. Co., $249,735. Noted Aug. 25.

★**N. Y., New York**—Apartment—Blossom Realty Co., c/o I. Margon & C. Glaser, archts. and engrs., 2803 3d Ave., will build 5 story, 90 x 100 ft., brick, steel and stone, concrete foundation, on Grand Concourse, Bronx. About $165,000. Work will be done by day labor.

★**N. Y., New York**—Apartments—A. W. King Co., 81 East 125th St., will build two 5 story, 70 x 125 ft., brick, steel and stone, concrete foundations, on Morris Ave., Bronx. About $150,000 each. Work will be done by day labor. I. Margon & C. Glaser, 2803 3d Ave., archt. and engrs.

★**N. Y., New York**—Apartments—H. A. Langner, c/o I. Margon & C. Glaser, archts. and engrs., 2803 3d Ave., will build three 5 story, brick, steel and stone, concrete foundations, on 180th St. and Bryant Ave., Bronx. About $150,000 each. Work will be done by day labor.

★**N. Y., New York**—Apartment—Nento Building Corp., 495 Bway., will build 13 story, brick, steel and stone, concrete foundation, on Bway. and 90th St. About $1,200,000. Work will be done by day labor. Rouse & Goldstone, 512 5th Ave., archts. and engrs.

★**N. Y., New York**—Apartment—Sixty-Seven Park Ave., Corp., c/o Schwartz & Gross, archts. and engrs., 347 5th Ave., will build 14 story, 57 x 105 ft., brick, steel and stone, concrete foundation, on Park Ave. and 38th St. About $750,000. Work will be done by day labor.

★**N. Y., Syracuse**—School—Bd. Contract & Supply let general contract building Franklin School, on North Alvord St., to Shane Constr. Co., Herald Bldg., $387,319; electrical work, to R. E. Handlin, 212 Montgomery St., $16,100; heating and power work, to Ryan Plumbing & Heating Co., 160 Court St., Watertown, $71,883. Noted Sept. 1.

★**Md., Catonsville** (Baltimore P. O.)—Convent—St. Charles College let contract building 3 story, 50 x 140 ft. stone, here, to J. J. O'Connor, 218 East Lexington St., Baltimore, $180,000.

★**D. C., Wash.**—Hotel—J. D. De Sibeur, archt., Hibbs Bldg., let contract building New Hamilton Hotel, 10 story, 320 room, to W. E. Whitty & Co., Union Trust Bldg. About $2,000,000.

★**O., Cleveland**—Commercial—J. L. Free and Co., 1014 Prospect Ave., let contract building 2 story, 93 x 165 ft., brick, steel and concrete, at 1227 Prospect Ave., to Crowell & Little Constr. Co., 3751 Prospect Ave. About $150,000.

★**O., Cleveland**—School—Bd. Educ., East 6th St. and Rockwell Ave., let contract building 2 story, brick, steel and concrete, rein.-con. flooring, concrete and brick foundation, on Everton Ave. and Parkwood Dr., to Drummond & Miller Co., 4500 Euclid Ave., $207,830. Noted Aug. 4.

O., Cleveland—Schools—Bd. Educ. received bids constructing (1) John Adams School, 3 story, (2) Sunbeam School, 3 story, (3) 2 story addition on Rawlings Ave.; all above brick, steel and concrete, rein.-con. flooring, brick and concrete foundations, from Tenbusch-Parker Constr. Co., Union Bldg., (1) $781,617, (2) $370,266, (3) $243,520; Drummond-Miller Co., 4500 Euclid Ave., (1) $815,000, (2) $387,000; C. C. Kinne Co., Bangor Bldg., (1) $849,000, (2) $353,700, (3) $244,200; Peterson Co., 4500 Euclid Ave., (3) $246,491.

★O., Dayton—Theatre—B. F. Keith Co., 1564 Bway., New York City, let contract building 3 story, rein.-con. and brick, rein.-con. flooring, concrete foundation, on 4th and Ludlow Sts., here, to W. M. Sutherland Bldg. & Contg. Co., Syndicate Trust Bldg., St. Louis, Mo. About $950,000. Noted April 21.

★**Mich., Detroit**—Lodge—Detroit Loyal Order of Moose, 40 Congress St., let contract for 3 story, 113 x 127 ft., on Cass Ave. and Elizabeth St., to Pine & Munnecke Co., 103 Marquette Bldg. About $500,000. Noted Jan. 27.

Mich., Detroit—School—Bd. Educ., 1354 Bway., received bids constructing 2 story, school addition on West Grand Blvd., from M. A. Mahoney, 400 Penobscot Bldg., $134,095; M. Bartholomaei, 1574 East Warren Ave., $136,262; J. Bollin Co., 1259 Book Bldg., $137,957. Noted Aug. 18.

★**Mich., Detroit**—School—Bd. Educ., 1354 Bway., let contract building 3 story, 82 x 246 ft. and 113 x 130 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Brooklyn Ave., to O. Misch Co., 36 State St., $380,379. Noted Sept. 1.

★**Ill., Chicago**—Apartment—E. R. Peterson, c/o P. F. Olsen, archt., 127 North Dearborn St., let contract building 3 story, 100 x 125 ft., concrete, brick and stone, on Haskins Ave. near Jonquill Terrace, to J. Anderson & Co., 5723 Winthrop Ave. About $175,000.

★**Ill., Chicago** — Apartment — S. J. Schaeffer, 155 North Clark St., let contract building 6 story, 85 x 150 ft., rein.-con. and brick, rein.-con. flooring, on Kenmore and Balmoral Aves., to Waldman Contr. Co., c/o the owner. About $600,000. Noted Aug. 18.

★**Ill., Chicago**—Apartment—W. H. Wallis & Co. (owner's agents), 1456 Irving Park Blvd., let contract building 3 story, 127 x 197 ft., brick and stone, Irving Park Blvd. and Lowell Ct., to Welsh & McCarthy, 56 West Washington St. About $150,000.

★**Ill., Chicago** — Apartment — Hotel—Parkdale Hotel Co., c/o O. F. Mateer, 105 North Clark St., let contract building 3 story, 48 x 125 ft., brick and stone, fireproof construction, on Sedgewick and Garfield Aves., to A. Johnson, 5356 Belleplaine Ave. About $150,000. Noted Aug. 18.

★**Ill., Chicago** — Apartment Hotel — W. Strohm, c/o P. F. Olsen, archt., 127 North Dearborn St., let contract building 3 story, 60 x 125 ft., brick, concrete and terra cotta, on North Ashland St. and Jonquil Terrace, to Anderson & Co., 5723 Winthrop Ave. About $200,000.

★**Ill., Chicago** — Nurses Home — Augustanna Hospital Assn., 2043 Cleveland Ave., let contract building 4 story, 79 x 106 ft., brick and rein.-con., rein.-con. flooring, on Sedgewick and Garfield Aves., to E. P. Standberg, 111 West Washington St. About $300,000. Noted Aug. 18.

★**Ill., Chicago**—School—Bd. Educ., 650 South Clark St., let contract building 3 story, 78 x 220 ft., rein.-con., brick, steel and tile, on Douglas Blvd. and Lawndale Ave., to G. E. Carson Co., 155 North Clark St. About $400,000.

★**Ill., Chicago**—Temple—Logan Square Masonic Temple Assn., 1639 South Dearborn St., let contract building 4 story, 95 x 120 ft., rein.-con., brick and terra cotta, on Albany Ave. and Kedzie Blvd., to H. M. Friestedt Co., 327 South La Salle St. About $300,000. Noted April 21.

★**Ill., Evanston**—Bank—Central Savings Bank, c/o Mitchell Bros., 5 North La Salle St., Chicago, let contract building 1 story, 50 x 120 ft., rein.-con., brick and stone, rein.-con. flooring, to A. Finhaven, 129 North Clark St., Chicago. About $150,000. Noted July 28.

★**Ill., Kankakee**—Armory—E. D. Martin, archt., 304 South Wabash Ave., Chicago, let contract to J. Moroff & Son, Kankakee, building 2 story, 147 x 166 ft., brick and rein.-con., for the state, c/o Adjt. Gen. Dickson, Springfield. About $200,000. Noted Aug. 4.

★**Ill., Mooseheart** — Dormitory — Loyal Order of Moose, c/o R. H. Brandon, Mooseheart, will build 2 story brick and rein.-con. dormitory, at Home for Orphans, here. About $150,000. Work will be done by day labor.

★**Ill., Murphysboro** — School—Bd. Educ. let contract building 3 story, 60 x 200 ft., brick, steel and terra cotta, concrete foundation, to J. I. Gedney, Arcade Bldg., East St. Louis. About $150,000.

★**Ill., St. Charles**—Dormitory—St. Charles School for Boys plans to build 2 story, 104 x 112 ft., rein.-con. and brick. About $150,000. Work will be done by day labor.

★**Ill., Zeigler**—High School—Bd. Educ. let contract building 2 story, 76 x 109 ft. and 27 x 76 ft. additions, rein.-con., brick and stone, to Griffith Constr. Co., 314 Oak Park Ave., Oak Park. About $150,000. Noted Aug. 11.

★**Wis., Fountain City**—Community—City, c/o City clk., let contract building 2 story, 60 x 159 ft., rein.-con. and steel, brick foundation, to L. F. Schroeder, 93 7th St., Fond du Lac. Cost between $100,000 and $150,000.

★**Ia., Ft. Dodge**—High School — Bd. Educ., c/o C. A. Heisell, let contract building 2 story, 193 x 277 ft. high school, to Madsen & Peterson, Builders Exch. Bldg., Minneapolis, Minn. About $800,000.

★**Ia., Webster City**—School—Bd. Educ. let contract building 3 story, 164 x 173 ft., rein.-con., brick, stone and tile, to C. E. Atkinson, Ft. Dodge. About $175,000. Noted Aug. 11

★**Neb., Fremont** — Church — Methodist Episcopal Church let contract building 2 story, 60 x 115 ft. brick, stone and terra cotta, to T. Stark & Co., 1103 1st Ave. W., Cedar Rapids, Ia. About $150,000. Noted Aug. 18.

★**Neb., Omaha**—High School—Bd. Educ. let contract building 4 story, 210 x 240 ft., rein.-con and stone, on Burt and Cumings Sts., to F. P. Gould & Son, City Nat'l Bank Bldg., $2,297,000. Noted Aug 25.

★**S. D., Rapid City**—Court House and Jail—Pennington Co. let contract building 2 story, rein.-con., steel and brick, rein.-con. flooring, to A. Sugarman, 209 Masonic Bldg., Des Moines, Ia. About $600,000. Noted July 28.

★**Mo., Kansas City**—School—Bd. Educ., c/o J. B. Jackson, secy., let contract building Woodland School, 2 story, brick and stone on 8th and Woodland Sts., to Collins Bros. Constr. Co., Rialto Bldg., at $349,750.

★**Cal., Los Angeles**—Store—Fifth St. Dept. Store Co., 5th St. and Bway., let general contract building 12 story, brick and steel on 5th St. and Bway., to Weaver Constr. Co., Pacific Finance Bldg., structural steel, to U. S. Steel Products Co., 156 Central Ave. Noted April 7.

★**Que., Montreal**—School—Protestant Bd. School Comn., University St., let contract building 3 story, 180 x 235 ft., concrete, brick and steel, on St. Urbain Ave., to J. MacGregor, Ltd., 44 Closse St., $467,348.

★**Ont., Windsor**—Market—Winter & Little, 42 Pitt St. W., let general contract building 1 and 2 story, 50 x 180 ft., rein.-con., brick and steel, concrete foundation, on Ouellette St., to Windsor Constr. Co., 4 Victoria Rd., Walkerville, heating and plumbing, to Edwards Plumbing Co., 214 Church St. About $175,000.

Federal Government Work

PROPOSED WORK

Ind., Marion—Hospital—Treas. Dept. Wash., D. C., plans to construct, here. J. A. Wetmore, acting superv. archt.

Kan., Leavenworth — Hospital — Treas. Dept., Wash., D. C., plans to construct, here. J. A. Wetmore, acting superv. archt.

S. D., Hot Springs — Hospital — Treas. Dept., Wash., D. C., and Bd. Mgrs., Nat'l Home for Disabled Soldiers, c/o Gen. G. A. Wood, pres., Dayton, O., plans to build 3 story, brick, stone, rein.-con. or steel, here. About $250,000. Architect not selected.

BIDS DESIRED

Pa., Phila.—Addition to Boiler House, Etc.—Until Sept. 27, by Constructing Quartermaster, Quartermaster Intermediate Dept., constructing addition to boiler house, including plumbing, electrical and heating work, M-5 Factory, here; adv. in this issue.

Federal Government Work (Continued)

D. C., Wash.—Heating System—Spec. 4510—Until Sept. 14, by Bureau Yards & Docks, making alterations and additions, in Naval Hospital. Noted Sept. 1.

D. C., Wash.—Riprap—Until Sept. 17, by U. S. Engineer, 250 Old Land Office Bldg., furnishing and placing in sea-wall foundation, near Potomac Park, here; advertised in this issue.

Va., Yorktown—Cranes—Spec. 4509—Until Sept. 14, by Bureau Yards & Docks, Navy Dept., Wash., D. C., for 10-ton hand operated overhead traveling bridge crane, here. Noted Aug. 25.

Va., Yorktown—Power House, etc.—Spec. 4498—Until Sept. 14, by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing power house, dispensary, concrete reservoirs and railroad sidings, here. Noted Aug. 25.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., New York—Dredging—Spec. 4505—Bureau Yards & Docks, Navy Dept., Wash., D. C. received bids dredging in Harbor, here, from F. E. Jones Dredging Co., Bank of Commerce Bldg., Norfolk, Va., $0.1987 (90 days); Morris-Cummings Dredging Co., 17 State St., New York City, $0.39. Noted Aug. 4.

Md., Annapolis—Ash Bunker, Power House Extension, etc.—Spec. 4487—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids building ash bunker, rein.-con., slate and copper, at Naval Academy, here; power house extension, concrete and brick, electric lighting system, and coal bunker, concrete, at Naval Hospital Reservation, here, (1) work complete, from D. M. Andrew Co., Mt. Vernon Ave., Baltimore, (1) $24,000, (2) $6,500, (3) $18,000 (120 days); Hicks, Tase & Norris, 106 West Madison St., Baltimore, (1) $24,655 (120 days), (2) $5,940 (60 days), (3) $18,715; J. L. Robinson Constr. Co., 130 West Lafayette Ave., Baltimore, (1) $25,517 (120 days), (2) $7,460, (3) $19,216. Noted Aug. 11.

Va., Norfolk—Gun Shed—Spec. 4475—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids constructing 1 story, frame, metal skylights, at Marine Barracks Reservation, Navy Yard, here, from B. F. Wentz, Norfolk, $2,979 (50 days); J. B. Jeffress, Caddock, $3,250 (50 days); J. H. Pierce, Law Bldg., $3,274 (50 days). Noted Aug. 11.

★**Va., Norfolk**—Hospital—Treas. Dept., Wash., D. C., let contract constructing U. S. Public Health Service Hospital, here, to North Eastern Constr. Co., 101 Park Ave., New York City, $318,936. Noted Aug. 25.

★**Va., Norfolk**—Mechanical Equipment—Treas. Dept., Wash., D. C., let contract furnishing for U. S. Public Health Service Hospital, here, to J. R. Proctor, Inc., 120 Liberty St., New York City, $189,000. Noted Aug. 25.

Va., Norfolk—Quay Wall—Spec. 4491—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids constructing section, at Navy Yard, here, (1) work complete, from Raymond Concrete Pile Co., 140 Cedar St., New York City, (1) $130,900 (210 days), (2) add $2,200, deduct $11.10, (3) add $0.50, deduct $0.15; H. P. Converse, 88 Broad St., Boston, (1) $141,600 (210 days), (2) add $36, deduct $8, (3) add $0.80, deduct $0.05; McLean Contg. Co., Fidelity Bldg., Baltimore, Md., (1) $144,750, (2) add $35, deduct $7, (3) add $0.85, deduct $0.17. Noted Aug. 25.

S. C., Charleston—Sprinkler System—Spec. 4490—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids for complete wet-pipe systems, automatic sprinklers, in Buildings 5, 7, 10, 13 and 1023, Navy Yard, here, (1) work complete, from Globe Automatic Sprinkler Co., 2035 Washington St., Phila., (1) $17,280 (120 days), (2) $13,525 (110 days), (3) $11,925 (100 days); Grinnell Co., North Charlotte, N. C., (1) $20,718 (130 days), (2) $15,936, (110 days), (3) $13,668 (110 days), (4) $2,458 (30 days); W. G. Cornell Co., Everett Bldg., Union Sq., New York City, (1) $23,000 (150 days), (2) $19,000 (130 days), (3) $16,450 (120 days), (4) $1,300 (20 days). Noted Aug. 11.

Fla., Lake City—Hospital—Treas. Dept., Wash., D. C., received bids constructing U. S. Public Health Service Hospital, here, from A. Bentley & Sons Co., Talleyrand Ave., Jacksonville, $125,00; Northwestern Constr. Co., Charlotte, N. C., $129,869; Wise Granite & Constr. Co., Inc., Amer. Natl. Bank Bldg., Richmond, Va., $143,300. Noted Aug. 4.

Fla., Lake City—Mechanical Equipment—Treas. Dept., Wash., D. C., received bids furnishing for U. S. Public Health Service Hospital, here, from W. G. Cornell Co., Natl. Bank of Commerce Bldg., Norfolk, Va., $77,700; W. Wilby, Selma, Ala., $79,-973; Newport Contg. & Eng. Co., Silsby Bldg., Newport News, Va., $79,658. Noted Aug. 4.

Ill., Chicago—Reservoir—Treas. Dept., Wash., D. C., received bids for constructing complete (except mechanical equipment) reservoir, at Broadview U. S. Public Health Service Hospital 2, here, from J. J. Croake & Co., 2927 Fullerton Ave., $26,-777; W. J. Newman Co., 21 North Curtis St., $29,000; Knowles & Fehr, 314 North Dearborn St., $30,759. Noted Aug. 18.

★**Ill., Chicago**—Roofing—Treas. Dept., Wash., D. C., let contract building roof on main building, Broadview Hospital, here, to L. Vandorp & Son, 509 Jackson St., Topeka, Kan., $24,418 (60 days).

Cal., Los Angeles—Dredging—U. S. Engineer, 725 Central Bldg., received bids dredging Los Angeles harbor on east side entrance of channel, here, from San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, $0.1366 per cu.yd.; Los Angeles Dredging Co., Los Angeles, $0.1384; United Dredging Co., Central Bldg., $0.1638 and $0.1494. Noted Aug. 11.

Miscellaneous

PROPOSED WORK

Seawall—Barnegat, N. J.—State Dept. Commerce and Navigation, Trenton, plans to build concrete seawall, here. About $25,000. Address R. F. Engle, Beach Haven, member of Board.

Granite Coping.—Wash., D. C.—Bd. Public Bldgs. and Grounds, c/o C. O. Sherrill, 1729 New York Ave., soon receives bids, building, at reflecting pool, Lincoln Memorial. About $85,000.

Trenching Machine—Racine, Wis.—D. Nelson, 1133 Hamilton St., plans to purchase trenching machines.

Garbage Incinerator—Duluth, Minn.—City plans to build 2 story, 50 x 120 ft., rein.-con., steel and brick garbage incinerator, rein.-con. flooring, concrete foundation, on 16th Ave. W. and waterfront. About $100,000. E. K. Coe, city engr. Architect not selected.

Transmission Line—Bluff City, Kans.—City having plans prepared for transmission line from here to Anthony. About $25,000. W. B. Rollins & Co., Ry. Exch. Bldg., Kansas City, Mo., engrs.

Grain Elevator—St. Joseph, Mo.—Burrell Eng. & Constr. Co., 327 South La Salle St., Chicago, soon receives bids building 44 x 65 x 170 ft. rein.-con. grain elevator, here, for Chicago, Burlington & Quincy R.R., 547 West Jackson St., Chicago. About $200,000.

Grain Elevator—St. Louis, Mo.—Luehrman Hay & Grain Co., Main and Monroe Sts., plans to build grain elevator, brick and rein.-con. About $50,000. Engineer not selected.

Transmission Line—Crescent, Okla.—City, c/o A. B. Powell, clk., having plans prepared constructing transmission lines from here to Guthrie. About $25,000. W. B. Rollins, Ry. Exch. Bldg., Kansas City, Mo., engrs.

Lighting System, etc.—Charing Cross, Ont.—Raleigh Twp. plans to build electric lighting and power distribution systems to Louisville and Kent Center and one through southern part of township. About $60,000. J. N. Wilson, 190 University Ave., Toronto, engr.

Lighting and Power Distribution System—London, Ont.—Twp. having surveys made for hydro lighting and power distribution system. About $50,000. J. N. Wilson, 190 University Ave., Toronto, engr.

BIDS DESIRED

Core Stone, etc.—Coney Island (Brooklyn P. O.), N. Y.—Until Sept. 28, by E. Riegelmann, pres. Brooklyn Boro, Boro Hall, for improvement and protection of beach, here, involving 30,000 ton core stone for jetties, 80,000 ton facing stone for jetties, 1,700,000 cu.yd. sand fill and 40,000 lin.ft. rein.-con. girder, etc.

Rails, etc.—Lackawanna, N. Y.—Until Sept. 12, by F. H. Burnett, age. South Buffalo Ry. Co., furnishing 200 gross ton 80 lb. A. S. C. E rails 33 ft. lengths; 50 gross ton 90 lb. A. S. C. E rails 33 ft. lengths; 100 pairs 24 in. angle bars for 80 lb. and 100 pairs 24 in. angle bars for 90 lb. A. S. C. E. rails, etc.

Cast Iron Pipe—Mendham, N. J.—Until Sept. 12, by Mayor and Common Council, at Fire House, Main St., furnishing about 40-ton hub and spigot c. i. water pipe and about 2,000-lb. hub and spigot special castings. L. Robinson, boro clk., advertised in this issue.

Inorganic Dust—New York, N. Y.—Until Sept. 16, by H. H. Curran, pres. Manhattan Boro, Municipal Bldg., furnishing and delivering 1,500 ton inorganic dust.

Conductor and Guard Rails—Phila. Pa.—Until Sept. 13, by Dept. City Transit, installing 500 ft. straight conductor rail, 100 ft. curved conductor rail, placing 65,000 ft guard rail, 70 rail hangers, 500 ft. insulated covering, etc. H. H.Quimby, 1211 Chestnut St., ch. engr.

Fire Alarm System—Phillipsburg, Pa.—Until Sept. 17, by T. L. Horn, chn. Boro. Council, Moshannon Bank Bldg., installing one 25 box Gamewell fire alarm system.

Cranes, etc.—Stapleton, S. I., N. Y.—Until Oct. 4, by M. Hulbert, comr. Docks, Pier "A" foot of Battery Pl., North River, New York City, furnishing, installing and putting into successful operation, cranes, elevators, electric power transmission, and steam heating plants, on Piers 12 and 13, here, Contr. 1686.

Jetties-Rehoboth Beach, Del.—Until Sept. 15, by J. C. Palmer, chn. Committee, constructing 3 jetties; advertised in this issue.

Incinerators—Dallas, Tex.—Until Sept. 19, by M. G. James, city secy., constructing 4 incinerator plants, one to have 80 ton capacity with 4 furnaces, other three to have 40 ton capacity, each with 2 furnaces each. About $200,000. C. D. Fairtrace, city engr.

Breakwater—Cobourg, Ont.—Until Sept. 30, by R. C. Desrochers, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, rebuilding south breakwater in Cobourg Harbor, precast concrete block construction. About $50,000. E. Lafleur, Parliament Bldgs., Ottawa, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Foundation — Gardner, Mass.** — Town Hall Bldg. Com. let contract building concrete foundation for new memorial town hall on West Gardner St., to L. H. Shattuck, Inc., 208 Granite St., Manchester, N. H., $25,000. Total cost $350,000. Noted April 7 under "Buildings."

Heating and Ventilating Apparatus, etc.—Newton (Flushing P. O.) **N. Y.**—R. W. Rodman, supt. Plant Operation of School Bldgs. of Bd. Educ., Municipal Bldg., New York City, opened bids Sept. 2, installing (1) heating and ventilating apparatus, (2) temperature regulating apparatus, etc., in Newtown High School on Etna Pl., Gerry Ave., Chicago and Parcell Sts., here, from Gillis & Geoghegan, 537 West Bway., New York City, (1) $89,434; J. C. Williams, Inc., 233 Bway., New York City, (1) $91,-474; Raisler Heating Co., 129 Amsterdam Ave., New York City (1) $91,000; Bishop & Babcock, 376 Lafayette St., New York City, (2) $6,500; Natl. Regulator Co., 166 Lexington Ave., New York City, (2) $7,383. Noted Aug. 25.

★**Swimming Pool—Huntington, W. Va.**—State Bd. Control, Charleston, let contract constructing 2 swimming pools, heating and lighting new gymnasium, at Marshall College, here, to Brockway Plumbing & Supply Co., Huntington, $34,000. Former contract rescinded. Noted Aug. 25.

Swimming Pool, etc.—Wakefield, Mich.—City received lowest bid building concrete and brick swimming pool and foundation for memorial building, from Albinson Constr. Co., 717 Nicollet Ave., Minneapolis, Minn., $36,500.

★**Breakwater—Racine, Wis.**—Lake Shore Protection Co., c/o H. Basinger, Racine Co. clk., let contract building 2,100 lin. ft. pile and timber breakwater along Lake Michigan in Mt. Pleasant Twp., to Taylor Bros. Dredge & Dock Co., Hubbard Woods, Ill., $14.25 per. lin. ft. Noted Aug. 25.

Gravel—New Orleans, La.—State Highway Dept. received bids furnishing 13,931 cu.yd. washed gravel and 27,761 cu.yd. sand clay gravel, from J. W. Thompson, Canal Commercial Bank Bldg., $81,456, Pelican Gravel Co., LeCompte, $82,277. Amer. Brick Co., Isabel, $82,581.

★**Car Barns — Toronto, Ont.** — Toronto Transportation Com., Ryrie Bldg., let contract building 1 story, 140 x 350 ft. rein.-con., brick and steel car barns, on Danforth and Coxwell Aves., to Wells & Gray, Confederation Life Bldg., cost $235,000; also 1 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation on St. Clair Ave. and Yonge St., general contract, to Jackson Lewis Co., Ryrie Bldg., steel to Dominion Bridge Co., Imperial Life Bldg., etc. Total cost $220,000.